Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution: 1.	.00														
Aluminum	200	ו	ug/L	U	YES									1							

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV/	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	.00														
Antimony	5		ug/L	U	YES	[											1				I
Arsenic	5		ug/L	U	YES																li
Barium	12.6		ug/L	В	YES	J								J							12
Cadmium	4		ug/L	U	YES	[															 
Calcium	6900		ug/L		YES	[															 
Chromium	10		ug/L	U	YES	[															 I
Cobalt	50		ug/L	U	YES	[															 
Copper	62.4		ug/L		YES	[															 
Iron	199		ug/L		YES	[															 
Lead	4.4		ug/L		YES	[															 
Magnesium	1770		ug/L	В	YES	J								J							12
Manganese	15		ug/L	U	YES	[															1
Nickel	40		ug/L	U	YES	[															1
Potassium	5000		ug/L	U	YES	[															 
Selenium	5		ug/L	U	YES	[															 
Silver	10		ug/L	U	YES	[															 
Sodium	8800		ug/L		YES	[															 
Vanadium	50		ug/L	U	YES	[															 
Zinc	30.5		ug/L		YES	[															 
Analysis Method : 6020					Dil	ution: 2	.00														
Beryllium	2		ug/L	U	YES		1														li
Thallium	1		ug/L	U	YES	[	Ī														 
Analysis Method : 7470A					Dil	ution: 1	.00														
Mercury	0.2		ug/L	U	YES	<u> </u>															li
Analysis Method : 8081A					Dil	ution: 1	.00														
4,4'-DDD	0.022		ug/L	U	YES						]	1			1					[	I
4,4'-DDE	0.022		ug/L	U	YES	[															 I
4,4'-DDT	0.022		ug/L	U	YES	[															 I
Aldrin	0.022		ug/L	U	YES	[															 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: F

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Te	mp HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A					Dil	ution: 1.00													
alpha-BHC	0.022		ug/L	U	YES														1
alpha-Chlordane	0.088		ug/L		YES														1
beta-BHC	0.022		ug/L	U	YES														 
delta-BHC	0.022		ug/L	U	YES										 				 
Dieldrin	0.022		ug/L	U	YES														 
Endosulfan I	0.022		ug/L	U	YES														 I
Endosulfan II	0.022		ug/L	U	YES														 I
Endosulfan sulfate	0.022		ug/L	U	YES														 I
Endrin	0.022		ug/L	U	YES														 I
Endrin aldehyde	0.022		ug/L	U	YES														 I
Endrin ketone	0.056		ug/L	U	YES														 
gamma-BHC	0.022		ug/L	U	YES														1
gamma-Chlordane	0.13		ug/L		YES														1
Heptachlor	0.022		ug/L	U	YES										 				 
Heptachlor epoxide	0.48		ug/L		YES										 				 
Methoxychlor	0.056		ug/L	U	YES										 				 
Toxaphene	0.28		ug/L	U	YES										 				 
Analysis Method : 8082					Dil	ution: 1.00									 				
Aroclor 1016	0.56		ug/L	U	YES														I
Aroclor 1221	0.56		ug/L	U	YES										 				 
Aroclor 1232	0.56		ug/L	U	YES										 				 
Aroclor 1242	0.56		ug/L	U	YES														 
Aroclor 1248	0.56		ug/L	U	YES														l
Aroclor 1254	0.56		ug/L	U	YES														1
Aroclor 1260	0.56		ug/L	U	YES														 I
Aroclor 1262	0.56		ug/L	U	YES														 I
Aroclor 1268	0.56		ug/L	U	YES														 I
Analysis Method : 8151A					Dil	ution: 1.00									 				
2,4,5-T	0.22		ug/L	U	YES					1									

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	L Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8151A			·			ution: 1.00					•									
2,4,5-TP (Silvex)	0.17		ug/L	U	YES															
2,4-D	0.56		ug/L	U	YES	İ		ĺ	İ	ĺ	ĺ		ĺ	ĺ				ĺ	İ	
Pentachlorophenol	0.17		ug/L	U	YES															
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															,
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES															
1,1,2-Trichloroethane	1		ug/L	U	YES															
1,1-Dichloroethane	1		ug/L	U	YES															
1,1-Dichloroethene	1		ug/L	U	YES															
1,2,3-Trichlorobenzene	5		ug/L	U	YES															
1,2,4-Trichlorobenzene	5		ug/L	U	YES															
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES															
1,2-Dibromoethane	2		ug/L	U	YES															
1,2-Dichlorobenzene	1		ug/L	U	YES															
1,2-Dichloroethane	1		ug/L	U	YES															
1,2-Dichloropropane	1		ug/L	U	YES															
1,3-Dichlorobenzene	1		ug/L	U	YES															
1,4-Dichlorobenzene	1		ug/L	U	YES															
2-Butanone	10		ug/L	U	YES															
2-Hexanone	5		ug/L	U	YES															
4-METHYL-2-PENTANONE	5		ug/L	U	YES															
Acetone	10		ug/L	U	YES															
Benzene	1		ug/L	U	YES															
Bromochloromethane	5		ug/L	U	YES															
Bromodichloromethane	1		ug/L	U	YES															
Bromoform	4		ug/L	U	YES															
Bromomethane	2		ug/L	U	YES															
Carbon disulfide	2		ug/L	U	YES															
Carbon tetrachloride	1		ug/L	U	YES					 										

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

**Analysis Type: RES** 

Sample Matrix: AQ

Lab Sample ID: N74914-13

Reviewed By / Date : Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B						ution:						17									
Chlorobenzene	1		ug/L	U	YES					1		1									
Chloroethane	1		ug/L	U	YES		İ	Ì	Ì	İ	İ	Ì			į į		i i			į į	
Chloroform	1		ug/L	U	YES												- <u>-</u>				
Chloromethane	1		ug/L	U	YES																
cis-1,2-Dichloroethene	1		ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES																
Cyclohexane	5		ug/L	U	YES																
Dibromochloromethane	1		ug/L	U	YES																
Dichlorodifluoromethane	5		ug/L	U	YES																
Ethylbenzene	1		ug/L	U	YES																
Freon 113	5		ug/L	U	YES																
Isopropylbenzene	2		ug/L	U	YES					I											
M,P-XYLENE	1		ug/L	U	YES					I											
Methyl Acetate	5		ug/L	U	YES																
Methyl tert-butyl ether	1		ug/L	U	YES																
Methylcyclohexane	5		ug/L	U	YES																
Methylene chloride	2		ug/L	U	YES																
o-Xylene	1		ug/L	U	YES																
Styrene	5		ug/L	U	YES																
Tetrachloroethene	1		ug/L	U	YES																
Toluene	1		ug/L	U	YES																
Total Xylenes	1		ug/L	U	YES																
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1	,	ug/L	U	YES																
Trichlorofluoromethane	5	,	ug/L	U	YES																
Vinyl chloride	1	,	ug/L	U	YES																
Analysis Method : 8270C					Dil	ution:	1.00														
1,2,4,5-Tetrachlorobenzene	5.3		ug/L	U	YES			1		1	1	1									

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

Report Date: 9/29/2004 08:45

**ADR 6.1** 

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	L Result	Incertainty /	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						ution: 1.00					- 1			· · ·	 		<u> </u>		-
1,4-Dioxane	2.1		ug/L	U	YES														
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES														i
2,4,5-Trichlorophenol	5.3		ug/L	U	YES										 				
2,4,6-Trichlorophenol	5.3		ug/L	U	YES														
2,4-Dichlorophenol	5.3		ug/L	U	YES														
2,4-Dimethylphenol	5.3		ug/L	U	YES														
2,4-Dinitrophenol	21		ug/L	U	YES														
2,4-Dinitrotoluene	2.1		ug/L	U	YES														
2,6-Dinitrotoluene	2.1		ug/L	U	YES														
2-Chloronaphthalene	5.3		ug/L	U	YES														
2-Chlorophenol	5.3		ug/L	U	YES														
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES														,
2-Methylnaphthalene	2.1		ug/L	U	YES														i
2-Methylphenol	5.3		ug/L	U	YES										 				
2-Nitroaniline	5.3		ug/L	U	YES										 				
2-Nitrophenol	5.3		ug/L	U	YES										 				
3&4-Methylphenol	5.3		ug/L	U	YES										 				
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES										 				
3-Nitroaniline	5.3		ug/L	U	YES										 				
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES										 				
4-Chloro-3-methylphenol	5.3		ug/L	U	YES										 				
4-Chloroaniline	5.3		ug/L	U	YES														
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES														•
4-Nitroaniline	5.3		ug/L	U	YES														•
4-Nitrophenol	21		ug/L	U	YES														
Acenaphthene	2.1		ug/L	U	YES														
Acenaphthylene	2.1		ug/L	U	YES										 				
Acetophenone	5.3		ug/L	U	YES										 				
Anthracene	2.1		ug/L	U	YES								 		 		 		

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: F

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* To	emp H1	- мв	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.00	)												
Atrazine	5.3	 	ug/L	U	YES														
Benzaldehyde	5.3	 	ug/L	U	YES													1	1
Benzo(a)anthracene	2.1	7	ug/L	U	YES														    
Benzo(a)pyrene	2.1	7	ug/L	U	YES	[									 				<sub> </sub> 
Benzo(b)fluoranthene	2.1	7	ug/L	U	YES	[									 				<sub> </sub> 
Benzo(g,h,i)perylene	2.1	,	ug/L	U	YES	[									 				<sub> </sub> 
Benzo(k)fluoranthene	2.1	,	ug/L	U	YES	[									 				<sub> </sub> 
BIPHENYL	2.1	,	ug/L	U	YES	[									 				<sub> </sub> 
bis(2-Chloroethoxy)methane	2.1	,	ug/L	U	YES	[									 				<sub> </sub> 
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES	[									 				<sub> </sub> 
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES	[									 				<sub> </sub> 
Bis(2-ethylhexyl) phthalate	2.1	 	ug/L	U	YES	ĺ	ĺ	j	ĺ	ĺ	İ	İ	ĺ	İ			ĺ	i i	i I
Butylbenzyl phthalate	2.1	 	ug/L	U	YES	ĺ	ĺ	j	ĺ	ĺ	İ	İ	ĺ	İ			ĺ	i i	i I
Caprolactam	2.1	7	ug/L	U	YES	[									 				<sub> </sub> 
Carbazole	2.1	7	ug/L	U	YES	[									 				<sub> </sub> 
Chrysene	2.1	7	ug/L	U	YES	[									 				<sub> </sub> 
Dibenz(a,h)anthracene	2.1		ug/L	U	YES										 				 
Dibenzofuran	5.3		ug/L	U	YES	[									 				 
Diethyl phthalate	2.1	<del>,</del>	ug/L	U	YES										 				 
Dimethyl phthalate	2.1		ug/L	U	YES	[									 				 
Di-n-butyl phthalate	2.1	<del>,</del>	ug/L	U	YES										 				    
Di-n-octyl phthalate	2.1	7	ug/L	U	YES	[													    
Fluoranthene	2.1	1 1 1 1	ug/L	U	YES														 
Fluorene	2.1	1 1 1 1	ug/L	U	YES														 
Hexachlorobenzene	2.1	7	ug/L	U	YES	[									 				<sub> </sub> 
Hexachlorobutadiene	2.1		ug/L	U	YES	[								Ī	 				; 
Hexachlorocyclopentadiene	21		ug/L	U	YES	[								Ī	 				; 
Hexachloroethane	5.3		ug/L	U	YES	[									 				 
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES														 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-13

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Te	тр НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Di	lution: 1.00														
Isophorone	2.1	1 1 1	ug/L	U	YES				1											
Naphthalene	2.1	1	ug/L	U	YES															
Nitrobenzene	2.1	 	ug/L	U	YES															
N-Nitroso-di-n-propylamine	2.1	 	ug/L	U	YES															
N-Nitrosodiphenylamine	5.3		ug/L	U	YES															
Phenanthrene	2.1		ug/L	U	YES															
Phenol	5.3		ug/L	U	YES															
Pyrene	2.1		ug/L	U	YES															
Analysis Method : 9012A					Di	lution: 1.00														
Cyanide	0.01	1	mg/l	U	YES			1	1											

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

**Lab Sample ID:** N74914-13F

Reviewed By / Date :

**ADR 6.1** 

Approved By / Date :

Report Date: 9/29/2004 08:45

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reaso Code	
Analysis Method : 6010B					Di	lution: 1	.00															
Aluminum	200	)	ug/L	U	YES	1																$\overline{}$

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC Library Used: FormerCampButner - Sep03

Client Sample ID: RW0804-2202-TILLEYFARMRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

**Lab Sample ID:** N74914-13F

Reviewed By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B						ution: 1															
Antimony	5		ug/L	U	YES							1									
Arsenic	4.1		ug/L	В	YES	J	i i			Ì	Ì	Ì	Ì	J	j i	,	i i		Ì	i i	12
Barium	15		ug/L	В	YES	J	i							J							12
Cadmium	4	 	ug/L	U	YES		i i														
Calcium	7040		ug/L		YES							[									
Chromium	10	. T	ug/L	U	YES		<u> </u>					[									
Cobalt	50	. T	ug/L	U	YES		<u> </u>					[									
Copper	48.4	. T	ug/L		YES		<u> </u>					[									
Iron	100		ug/L	U	YES		<u> </u>														
Lead	3	·	ug/L	U	YES		<u> </u>					[									
Magnesium	1810	·	ug/L	В	YES	J	<u> </u>					[		J							12
Manganese	15		ug/L	U	YES					1											
Nickel	40		ug/L	U	YES					1											
Potassium	5000	· T	ug/L	U	YES		<u> </u>					[									
Selenium	5	· T	ug/L	U	YES		<u> </u>					[									
Silver	10	· T	ug/L	U	YES		<u> </u>					[									
Sodium	9310	·	ug/L		YES							[									
Vanadium	50	·	ug/L	U	YES							[									
Zinc	37.3		ug/L		YES							[									
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2		ug/L	U	YES	-	<del>                                   </del>											<u></u>			
Thallium	1	 	ug/L	U	YES																
Analysis Method : 7470A					Dil	ution: 1	.00														
Mercury	0.2		ug/L	U	YES		1 <u> </u>		1	1	1	1	1						1	<del>                                   </del>	

Approved By / Date:

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution:	1.00														
Aluminum	10000		ug/L		YES	1 1 1														1	
Arsenic	5	1 1 1 1	ug/L	U	YES	1 1 1															

Project Number and Name: ENSI

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B	Result	LITOI	Office	Quai		ution:			IVID		IVIO	Бир	Juli	Lilling	1000013	Q.C	Tune	10	101	001	Codes
Antimony	5	I I	ug/L	U	YES		1.00	1	1	I	1	1			1		1	1	1	1	
Barium	85.4		ug/L	В	YES	J	1	 	 	l I	 	 	 	l I .I	1		1	 	1	i I	12
Cadmium	0.63	! 	ug/L	В	YES	UJ	1	! 	U	<u>!</u>	! 	! 	! 	J	1	! 	- <u> </u>	<u> </u> 	<u>!</u>	- <u>!</u>	12,6
Calcium	16200	! 	ug/L		YES	¦	1	! 	 	<u>!</u>	! 	! 	! 	! !	1	! 	- <u> </u>	<u> </u> 	<u>!</u>	- <u>!</u>	,0
Chromium	5.4	<u> </u> 	ug/L	В	YES	J	1	! 	. <u>.</u>	<u>!</u>	! 	! 	! 	J	!	 	- <u> </u>	L 	! 	- <u>!</u>	12
Cobalt	5.3	! 	ug/L	В	YES	j J	1	! 	. <u>.</u>	<u>!</u>	! 	! 	! 	J	!	 	- <u> </u>	L 	! 	- <u>!</u>	12
Copper	51.8	i 	ug/L		YES		1	! 	<u>!</u> 	<u> </u> 	! 	<u> </u> 	! 	! !	!		- <u> </u>	<u> </u> 	! 	-	
Iron	5490	! 	ug/L	<u>-</u>	YES	1  1	!	! 	<u> </u>	<u>'</u> 	! 	! 	! 	! 	!	 	- <u> </u>	<u> </u> 	<u> </u>	- <u> </u>	
Lead	39.9	! 	ug/L	<u>-</u>	YES	1  1	!	! 	<u> </u>	<u>'</u> 	! 	! 	! 	! 	!	 	- <u> </u>	<u> </u> 	<u> </u>	- <u> </u>	
Magnesium	3050	! 	ug/L	В	YES		!	! 	<u> </u>	<u>'</u> 	! 	! 	! 	   J	!	 	- <u> </u>	<u> </u> 	<u> </u>	- <u> </u>	12
Manganese	406	! ; !	ug/L	: <del>-</del>	YES	: :	¦	! 	<u>-</u>	<u>'</u> 	! 	<u> </u> 	\ 	! 	¦		-¦	<u> </u> 	<u>-</u>	- <u>'</u>	
Nickel	6	! ! !	ug/L	В	YES	J	i I	) 	] 	! 	 	) 	) 	J	1		Ì	] 	 	İ	12
Potassium	563	! ! !	ug/L	В	YES	J	i I	) 	] 	! 	 	) 	) 	J	1		Ì	] 	 	İ	12
Selenium	6.3	! 	ug/L	<del>-</del>	YES	¦	1	! 	<u>-</u>	<u>'</u> 	! 	! 	\ 	<u>-</u> 	! 		- <u>-</u>	<u> </u> 	<u> </u>	- <u> </u>	
Silver	10	! 	ug/L	U	YES	 	1	! 	<u>-</u>	<u>'</u> 	! 	! 	\ 	! 	! 		- <u>-</u>	<u> </u> 	<u> </u>	- <u> </u>	
Sodium	11800	! 	ug/L		YES	 	¦	<u> </u>	<u>-</u>	<u> </u> 	! 	! 	<u> </u>	<u> </u> 	! 		-	<u> </u> 	<u> </u>		
Vanadium	15.3	! ;	ug/L	В	YES	J	1	! 	. <u>'.</u>	<u>'</u> 	! 	! 	\	   J	! 	!	-	<u> </u>	! 	- <u>'</u>	12
Zinc	60.3	! ;	ug/L	<u> </u>	YES	¦	1	! 	. <u>'.</u>	<u>'</u> 	! 	! 	\	! <u>-</u> 	! 	!	-	<u> </u>	! 	- <u>'</u>	
Analysis Method : 6020		<u>.</u>	-9-		'	ution: 2	2.00	!		!	!		L	!	1	!		L	<u> </u>		
Beryllium	0.35	,   	ug/L	В	YES	J	1		ĺ	I	1	1		J	1		1	<u> </u>	ĺ	1	12
Thallium	0.68	! ;	ug/L	В	YES		1	! 	U	<u>'</u> 	! 	! 	\	l J	! 	!	-	<u> </u>	! 	- <u>'</u>	12,6
Analysis Method : 7470A		! 		L <u>-</u>		ution:	1.00	!	. <u>.</u>	<u> </u>	!		L	!	1	!		<u> </u>	<u> </u>		
Mercury	0.17	i I I	ug/L	В	YES	1	1			1				J		1					12
Analysis Method : 8081A		ļ	,	ı ·		ution:	1.00	ı	ı		ļ	ı.	ı		1	l I		I	I		
4,4'-DDD	0.02	i I I	ug/L	U	YES	1		1		1		[	1	1	1		1			1	
4,4'-DDE	0.02	! !	ug/L	U	YES	1 F		<u>-</u>	<u>.'.</u>	<u>-</u> 	<u>'</u> 	. <u>-</u>		: 		! · 	- <u>-</u>	<u>'</u>	<u>-</u>	- <u>-</u>	
4.4'-DDT	0.02	 	ug/L	U	YES	 	i	: 	. <u>'</u>	: 	: 	` 		 		! · ·	- <u>-</u>	<u>'</u>	<u>-</u>	 	
Aldrin	0.02	<u> </u> 	ug/L	U	YES	 	<u></u>	<u>-</u>	. <u>'-</u>	<u>-</u>	! 	. <u>.</u> 		<u>'</u> 	1	!	- <u>-</u> 	' 	<u>-</u>	- <u>-</u>	
alpha-BHC	0.02	<u> </u> 	ug/L	U	YES		1	! 	. <u>'-</u>	<u>-</u>	! 	. <u>.</u>	L 	<u>'</u> 	! 	!	- <del>-</del>	' 	<u>-</u>	- <u>-</u>	

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Former

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8081A					Dil	ution: 1.00														
alpha-Chlordane	0.02	1	ug/L	U	YES											1				·
beta-BHC	0.02		ug/L	U	YES															1
delta-BHC	0.02	· T	ug/L	U	YES															 
Dieldrin	0.02	· T	ug/L	U	YES															 
Endosulfan I	0.02	 	ug/L	U	YES															 
Endosulfan II	0.02	·	ug/L	U	YES															 I
Endosulfan sulfate	0.02	·	ug/L	U	YES															 I
Endrin	0.02	·	ug/L	U	YES															 I
Endrin aldehyde	0.02	·	ug/L	U	YES															 I
Endrin ketone	0.051	·	ug/L	U	YES															 I
gamma-BHC	0.02	·	ug/L	U	YES															 
gamma-Chlordane	0.02		ug/L	U	YES															1
Heptachlor	0.02		ug/L	U	YES															1
Heptachlor epoxide	0.02	 	ug/L	U	YES															 
Methoxychlor	0.051	 	ug/L	U	YES															 
Toxaphene	0.26	 	ug/L	U	YES															 
Analysis Method : 8082					Dil	ution: 1.00														
Aroclor 1016	0.51		ug/L	U	YES															l
Aroclor 1221	0.51	1	ug/L	U	YES															 
Aroclor 1232	0.51	1	ug/L	U	YES															 
Aroclor 1242	0.51	1	ug/L	U	YES															 
Aroclor 1248	0.51	 	ug/L	U	YES															 
Aroclor 1254	0.51	1	ug/L	U	YES															l
Aroclor 1260	0.51		ug/L	U	YES															l
Aroclor 1262	0.51	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES															 I
Aroclor 1268	0.51	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES															 I
Analysis Method : 8151A					Dil	ution: 1.00														
2,4,5-T	0.22		ug/L	U	YES									1						 I
2,4,5-TP (Silvex)	0.16		ug/L	U	YES															 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual		Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00														
2,4-D	0.54		ug/L	U	YES															
Pentachlorophenol	0.16		ug/L	U	YES															
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES	[														
1,1,2-Trichloroethane	1		ug/L	U	YES	[														
1,1-Dichloroethane	1		ug/L	U	YES	[														
1,1-Dichloroethene	1		ug/L	U	YES	[														
1,2,3-Trichlorobenzene	5		ug/L	U	YES	[														
1,2,4-Trichlorobenzene	5		ug/L	U	YES	[														
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES	[														
1,2-Dibromoethane	2		ug/L	U	YES															
1,2-Dichlorobenzene	1		ug/L	U	YES															
1,2-Dichloroethane	1		ug/L	U	YES	[														
1,2-Dichloropropane	1		ug/L	U	YES	[														
1,3-Dichlorobenzene	1		ug/L	U	YES	[														
1,4-Dichlorobenzene	1		ug/L	U	YES	[														
2-Butanone	10		ug/L	U	YES	[														
2-Hexanone	5		ug/L	U	YES															
4-METHYL-2-PENTANONE	5		ug/L	U	YES															
Acetone	10		ug/L	U	YES															
Benzene	1		ug/L	U	YES															
Bromochloromethane	5		ug/L	U	YES															
Bromodichloromethane	1		ug/L	U	YES															
Bromoform	4		ug/L	U	YES	[														
Bromomethane	2		ug/L	U	YES	[														
Carbon disulfide	2		ug/L	U	YES	[														
Carbon tetrachloride	1		ug/L	U	YES	[								[						
Chlorobenzene	1		ug/L	U	YES	[														,

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

**Analysis Type: RES** 

Sample Matrix: AQ

Lab Sample ID: N74914-3

Reviewed E	By / Date :
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Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1	1.00														-
Chloroethane	1	1	ug/L	U	YES	! ! !									I						
Chloroform	1		ug/L	U	YES	1 1 1	ĺ		İ	ĺ			ĺ		İ		İ			ĺ	ĺ
Chloromethane	1	 	ug/L	U	YES	F															
cis-1,2-Dichloroethene	1	 	ug/L	U	YES	F															
cis-1,3-Dichloropropene	1	 	ug/L	U	YES	F															
Cyclohexane	5	- <del> </del>	ug/L	U	YES		i			i		<u></u>		: 			- <del>-</del>		 	 	
Dibromochloromethane	1	- <del> </del>	ug/L	U	YES		i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
Dichlorodifluoromethane	5	- <del> </del>	ug/L	U	YES		i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
Ethylbenzene	1	- <del> </del>	ug/L	U	YES		i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
Freon 113	5	- <del> </del>	ug/L	U	YES		i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
Isopropylbenzene	2	- <del> </del>	ug/L	U	YES		i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
M,P-XYLENE	1	1	ug/L	U	YES		İ		İ	İ			Ì		Ì		İ		Ì	Ì	İ
Methyl Acetate	5	1	ug/L	U	YES		İ		İ	İ			Ì		Ì		İ		Ì	Ì	İ
Methyl tert-butyl ether	1	 	ug/L	U	YES	F															
Methylcyclohexane	5	 	ug/L	U	YES	F															
Methylene chloride	2	 	ug/L	U	YES	F															
o-Xylene	1	i i	ug/L	U	YES	     											- <u>-</u>		 		
Styrene	5	 	ug/L	U	YES	 ! !															
Tetrachloroethene	1	 	ug/L	U	YES	 ! !				 							- <u>-</u>				
Toluene	1	 	ug/L	U	YES	 ! !															
Total Xylenes	1	 	ug/L	U	YES	 ! !				 							- <u>-</u>				
trans-1,2-Dichloroethene	1		ug/L	U	YES	 ! !															
trans-1,3-Dichloropropene	1		ug/L	U	YES																1
Trichloroethene	1		ug/L	U	YES																1
Trichlorofluoromethane	5		ug/L	U	YES	 ! !															
Vinyl chloride	1	 	ug/L	U	YES	 ! !															
Analysis Method : 8270C					Dil	ution: 1	1.00														
1,2,4,5-Tetrachlorobenzene	5.1	1 1	ug/L	U	YES	! !									I						
1,4-Dioxane	2	1 1	ug/L	U	YES	 i !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

Page 15 of 143

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* T	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	0													
2,3,4,6-Tetrachlorophenol	5.1	1	ug/L	U	YES							1								
2,4,5-Trichlorophenol	5.1		ug/L	U	YES	ĺ	ĺ				ĺ	İ	İ	ĺ	İ			ĺ	i i	ı İ
2,4,6-Trichlorophenol	5.1	T	ug/L	U	YES	[						Ī				 				<u>_</u>
2,4-Dichlorophenol	5.1	1	ug/L	U	YES	[					 					 				
2,4-Dimethylphenol	5.1	1	ug/L	U	YES	[					 					 				
2,4-Dinitrophenol	20	1	ug/L	U	YES	[					 					 				
2,4-Dinitrotoluene	2	1	ug/L	U	YES															,
2,6-Dinitrotoluene	2	1	ug/L	U	YES															,
2-Chloronaphthalene	5.1	1	ug/L	U	YES															,
2-Chlorophenol	5.1	1	ug/L	U	YES															,
2-Methyl-4,6-dinitrophenol	20	1	ug/L	U	YES															,
2-Methylnaphthalene	2	1 1 1	ug/L	U	YES															
2-Methylphenol	5.1		ug/L	U	YES															
2-Nitroaniline	5.1	1	ug/L	U	YES															,
2-Nitrophenol	5.1	1	ug/L	U	YES															,
3&4-Methylphenol	5.1	1	ug/L	U	YES															,
3,3'-Dichlorobenzidine	5.1	1	ug/L	U	YES															
3-Nitroaniline	5.1	1	ug/L	U	YES															
4-Bromophenyl phenyl ether	2		ug/L	U	YES							1								
4-Chloro-3-methylphenol	5.1	1	ug/L	U	YES															
4-Chloroaniline	5.1		ug/L	U	YES							1								
4-Chlorophenyl phenyl ether	2	1	ug/L	U	YES							1								
4-Nitroaniline	5.1	1	ug/L	U	YES															
4-Nitrophenol	20	1	ug/L	U	YES															
Acenaphthene	2	1	ug/L	U	YES							1								
Acenaphthylene	2	1	ug/L	U	YES															.
Acetophenone	5.1	1	ug/L	U	YES															.
Anthracene	2		ug/L	U	YES															.
Atrazine	5.1		ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV/	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	00													
Benzaldehyde	5.1		ug/L	U	YES															
Benzo(a)anthracene	2		ug/L	U	YES															
Benzo(a)pyrene	2		ug/L	U	YES															
Benzo(b)fluoranthene	2		ug/L	U	YES															
Benzo(g,h,i)perylene	2		ug/L	U	YES											 				
Benzo(k)fluoranthene	2		ug/L	U	YES											 				
BIPHENYL	2		ug/L	U	YES											 				
bis(2-Chloroethoxy)methane	2		ug/L	U	YES											 				
Bis(2-chloroethyl) ether	2		ug/L	U	YES											 				
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES											 				
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES											 				
Butylbenzyl phthalate	2		ug/L	U	YES															
Caprolactam	2		ug/L	U	YES															
Carbazole	2		ug/L	U	YES															
Chrysene	2		ug/L	U	YES															
Dibenz(a,h)anthracene	2		ug/L	U	YES															
Dibenzofuran	5.1		ug/L	U	YES															
Diethyl phthalate	2		ug/L	U	YES															
Dimethyl phthalate	2		ug/L	U	YES															
Di-n-butyl phthalate	2		ug/L	U	YES															
Di-n-octyl phthalate	2		ug/L	U	YES															
Fluoranthene	2		ug/L	U	YES															
Fluorene	2		ug/L	U	YES															
Hexachlorobenzene	2		ug/L	U	YES															
Hexachlorobutadiene	2		ug/L	U	YES															
Hexachlorocyclopentadiene	20		ug/L	U	YES															
Hexachloroethane	5.1		ug/L	U	YES															
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES	[														
Isophorone	2		ug/L	U	YES	[										 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-3

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.	00														
Naphthalene	2	1 1 1 1	ug/L	U	YES																
Nitrobenzene	2		ug/L	U	YES												1				
N-Nitroso-di-n-propylamine	2	1	ug/L	U	YES	[											[				
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2		ug/L	U	YES	[													 		
Phenol	5.1		ug/L	U	YES	[													 		
Pyrene	2		ug/L	U	YES	[															
Analysis Method : 9012A					Dil	ution: 1.	00														
Cyanide	0.01	1	mg/l	U	YES												Ī			1	

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-3F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	i i	ug/L	U	YES	!				1											
Arsenic	5		ug/L	U	YES	1 1 1													1		

Project Number and Name: ENSRMAA

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4535-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-3F

Reviewed By / Date : Approved By / Date :

		Uncertainty /		Lab		Overall						Lab		Rep	Moist		_			CV /	Reason
Analyte Name	Result	Error	Units	Qual	Res		Temp	НТ	MB	LCS	MS	Dup	Surr	Limit	Tot/Dis	QC	Tune	IC	ICV	CCV	Codes
Analysis Method : 6010B					Dil	ution:	1.00														
Antimony	5		ug/L	U	YES	į															I
Barium	26.7		ug/L	В	YES	J							[	J							12
Cadmium	4	1	ug/L	U	YES	! ! !															İ
Calcium	16600	1	ug/L		YES	 															ı
Chromium	10	 	ug/L	U	YES																
Cobalt	2.3	1	ug/L	В	YES	J								J							12
Copper	3.7	1	ug/L	В	YES	J								J							12
Iron	208	 	ug/L		YES	,															
Lead	3	 	ug/L	U	YES	,															
Magnesium	2700		ug/L	В	YES	J								J							12
Manganese	391		ug/L		YES	,															,
Nickel	3	1 1 1	ug/L	В	YES	J								J							12
Potassium	5000	1 1 1	ug/L	U	YES	1 1 1 1															•
Selenium	5		ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	9830		ug/L		YES																
Vanadium	50	·	ug/L	U	YES	; ; ;															
Zinc	13.7	 	ug/L	В	YES	J								J							12
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2	i !	ug/L	U	YES	! !															
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A					Dil	ution:	1.00										'			'	
Mercury	0.2	1	ug/L	U	YES	! !						I									

Project Number and Name: EN

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte	Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* 1	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
	Analysis Method : 6010B					Dilu	ution: 1.0	0														
Arsenic	!		5	ug/L	U	YES																
	Analysis Method : 6020					Dilu	ution: 2.0	0														
Thallium			1	ug/L	U	YES																

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	1.00														-
Aluminum	200	1	ug/L	U	YES																
Antimony	5	1	ug/L	U	YES				ĺ	İ							İ		ĺ	ĺ	ı İ
Barium	142	· T	ug/L	В	YES	J					:			J							12
Cadmium	4	·	ug/L	U	YES												- <u>-</u>				
Calcium	45000	·	ug/L		YES												- <u>-</u>				
Chromium	10		ug/L	U	YES					 											
Cobalt	50		ug/L	U	YES					 											
Copper	4.8		ug/L	В	YES	J				 				J							12
Iron	100		ug/L	U	YES					 											
Lead	3		ug/L	U	YES					 											
Magnesium	4400		ug/L	В	YES	J								J							12
Manganese	195	1	ug/L		YES					I											
Nickel	40	1	ug/L	U	YES					I											
Potassium	2030	- <del> </del>	ug/L	В	YES	J								J							12
Selenium	5	- <del> </del>	ug/L	U	YES																
Silver	10	- T	ug/L	U	YES																,
Sodium	8310		ug/L		YES																,
Vanadium	50		ug/L	U	YES																,
Zinc	108		ug/L		YES																,
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2	1 1 1	ug/L	U	YES																
Analysis Method : 7470A					Dil	ution: 1	1.00														
Mercury	0.2	1	ug/L	U	YES					1											
Analysis Method: 8081A					Dil	ution: 1	1.00														
4,4'-DDD	0.02	1	ug/L	U	YES					1											
4,4'-DDE	0.02	- T	ug/L	U	YES																,
4,4'-DDT	0.02	 	ug/L	U	YES																,
Aldrin	0.02	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES																,
alpha-BHC	0.02	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES																

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A						ution:															
alpha-Chlordane	0.02	1	ug/L	U	YES	 															
beta-BHC	0.02	1	ug/L	U	YES	1 1 1			ĺ	ĺ			ĺ				Ì		İ		į į
delta-BHC	0.02	· T · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	r ! !					:										
Dieldrin	0.02	· T · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	r ! !					:										
Endosulfan I	0.02	·	ug/L	U	YES																
Endosulfan II	0.02	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;					:										
Endosulfan sulfate	0.02		ug/L	U	YES																
Endrin	0.02	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;															
Endrin aldehyde	0.02	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;															
Endrin ketone	0.051	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;															
gamma-BHC	0.02	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;															
gamma-Chlordane	0.02	1	ug/L	U	YES	1 1 1			ĺ	ĺ			ĺ				Ì		İ		į į
Heptachlor	0.02	1	ug/L	U	YES	1 1 1			ĺ	ĺ			ĺ				Ì		İ		į į
Heptachlor epoxide	0.02	·	ug/L	U	YES																
Methoxychlor	0.051	·	ug/L	U	YES																
Toxaphene	0.26	·	ug/L	U	YES																
Analysis Method: 8082					Dil	ution: '	1.00														
Aroclor 1016	0.51	1 1 1	ug/L	U	YES	: : :															
Aroclor 1221	0.51	 	ug/L	U	YES	; !															
Aroclor 1232	0.51	 	ug/L	U	YES	; !															
Aroclor 1242	0.51	·	ug/L	U	YES	; ; ;															
Aroclor 1248	0.51	 	ug/L	U	YES	 															
Aroclor 1254	0.51	1 1 1	ug/L	U	YES	1 1 1															
Aroclor 1260	0.51	1	ug/L	U	YES																
Aroclor 1262	0.51	·	ug/L	U	YES	r															
Aroclor 1268	0.51	·	ug/L	U	YES	F ! !															 
Analysis Method : 8151A					Dil	ution: 1	1.00														
2,4,5-T	0.24		ug/L	U	YES																
2,4,5-TP (Silvex)	0.18	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	 ! !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual		Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00													
2,4-D	0.59		ug/L	U	YES										1				
Pentachlorophenol	0.18		ug/L	U	YES														
Analysis Method : 8260B					Dil	ution: 1.00									 				
1,1,1-Trichloroethane	1		ug/L	U	YES														
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES										 				
1,1,2-Trichloroethane	1		ug/L	U	YES	[									 				
1,1-Dichloroethane	1		ug/L	U	YES	[									 				
1,1-Dichloroethene	1		ug/L	U	YES	[									 				
1,2,3-Trichlorobenzene	5		ug/L	U	YES	[									 				
1,2,4-Trichlorobenzene	5		ug/L	U	YES	[									 				
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES										 				
1,2-Dibromoethane	2		ug/L	U	YES														
1,2-Dichlorobenzene	1		ug/L	U	YES														
1,2-Dichloroethane	1		ug/L	U	YES										 				
1,2-Dichloropropane	1		ug/L	U	YES										 				
1,3-Dichlorobenzene	1		ug/L	U	YES										 				
1,4-Dichlorobenzene	1		ug/L	U	YES										 				
2-Butanone	10		ug/L	U	YES														
2-Hexanone	5		ug/L	U	YES														
4-METHYL-2-PENTANONE	5		ug/L	U	YES														
Acetone	10		ug/L	U	YES														
Benzene	1		ug/L	U	YES														
Bromochloromethane	5		ug/L	U	YES														
Bromodichloromethane	1		ug/L	U	YES														
Bromoform	4		ug/L	U	YES										 				
Bromomethane	2		ug/L	U	YES	[													
Carbon disulfide	2		ug/L	U	YES	[													
Carbon tetrachloride	1		ug/L	U	YES	[									 				
Chlorobenzene	1		ug/L	U	YES	[									 				,

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1.0	00													
Chloroethane	1		ug/L	U	YES	[		1												
Chloroform	1		ug/L	U	YES	[ ]														
Chloromethane	1		ug/L	U	YES	[														
cis-1,2-Dichloroethene	1	,	ug/L	U	YES															
cis-1,3-Dichloropropene	1		ug/L	U	YES	[														
Cyclohexane	5		ug/L	U	YES	[														
Dibromochloromethane	1		ug/L	U	YES	[														
Dichlorodifluoromethane	5		ug/L	U	YES	[														
Ethylbenzene	1		ug/L	U	YES	[														
Freon 113	5		ug/L	U	YES	[														
Isopropylbenzene	2		ug/L	U	YES	[														
M,P-XYLENE	1		ug/L	U	YES	[ ]														
Methyl Acetate	5		ug/L	U	YES	[ ]														
Methyl tert-butyl ether	1	,	ug/L	U	YES															
Methylcyclohexane	5	,	ug/L	U	YES															
Methylene chloride	2	,	ug/L	U	YES															
o-Xylene	1		ug/L	U	YES	[														
Styrene	5		ug/L	U	YES	[														
Tetrachloroethene	1		ug/L	U	YES	[														
Toluene	1		ug/L	U	YES	[														
Total Xylenes	1		ug/L	U	YES	[														
trans-1,2-Dichloroethene	1		ug/L	U	YES															
trans-1,3-Dichloropropene	1		ug/L	U	YES															
Trichloroethene	1		ug/L	U	YES			1												
Trichlorofluoromethane	5	,	ug/L	U	YES	[														
Vinyl chloride	1		ug/L	U	YES															
Analysis Method : 8270C					Dil	ution: 1.0	)0									 				
1,2,4,5-Tetrachlorobenzene	5.1		ug/L	U	YES	Ī		Ī				1 -			1 -					
1,4-Dioxane	2		ug/L	U	YES						<u> </u>									

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	00													
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES															
2,4,5-Trichlorophenol	5.1		ug/L	U	YES															,
2,4,6-Trichlorophenol	5.1		ug/L	U	YES	[														
2,4-Dichlorophenol	5.1		ug/L	U	YES	[														
2,4-Dimethylphenol	5.1		ug/L	U	YES															
2,4-Dinitrophenol	20		ug/L	U	YES	[														
2,4-Dinitrotoluene	2		ug/L	U	YES	[														
2,6-Dinitrotoluene	2		ug/L	U	YES	[														
2-Chloronaphthalene	5.1		ug/L	U	YES	[														
2-Chlorophenol	5.1		ug/L	U	YES	[														
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES	[														
2-Methylnaphthalene	2		ug/L	U	YES	:														,
2-Methylphenol	5.1		ug/L	U	YES	:														,
2-Nitroaniline	5.1		ug/L	U	YES															
2-Nitrophenol	5.1		ug/L	U	YES															
3&4-Methylphenol	5.1		ug/L	U	YES															
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES	[														
3-Nitroaniline	5.1		ug/L	U	YES	[														
4-Bromophenyl phenyl ether	2		ug/L	U	YES	[														
4-Chloro-3-methylphenol	5.1		ug/L	U	YES	[														
4-Chloroaniline	5.1		ug/L	U	YES	[														
4-Chlorophenyl phenyl ether	2		ug/L	U	YES	:														
4-Nitroaniline	5.1		ug/L	U	YES		1											1		
4-Nitrophenol	20		ug/L	U	YES															,
Acenaphthene	2		ug/L	U	YES	[														
Acenaphthylene	2		ug/L	U	YES	[										 				 
Acetophenone	5.1		ug/L	U	YES	[										 				 
Anthracene	2		ug/L	U	YES	[										 				
Atrazine	5.1		ug/L	U	YES	[						i				 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	1.00														
Benzaldehyde	5.1	1	ug/L	U	YES	 															
Benzo(a)anthracene	2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L	U	YES	1 															'
Benzo(a)pyrene	2		ug/L	U	YES	F															
Benzo(b)fluoranthene	2	·	ug/L	U	YES	F ! !				 							- <u>-</u>				
Benzo(g,h,i)perylene	2	·	ug/L	U	YES	F ! !				 							- <u>-</u>				
Benzo(k)fluoranthene	2		ug/L	U	YES	     															
BIPHENYL	2		ug/L	U	YES	     															
bis(2-Chloroethoxy)methane	2		ug/L	U	YES	     															
Bis(2-chloroethyl) ether	2		ug/L	U	YES	     															
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES	     															
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES	     															
Butylbenzyl phthalate	2		ug/L	U	YES	! ! !	ĺ		İ	ĺ			ĺ		Ì		İ	İ	İ	Ì	į
Caprolactam	2		ug/L	U	YES	! ! !	ĺ		İ	ĺ			ĺ		Ì		İ	İ	İ	Ì	į
Carbazole	2	·	ug/L	U	YES	 ! !															
Chrysene	2	·	ug/L	U	YES	 ! !															
Dibenz(a,h)anthracene	2	·	ug/L	U	YES	 ! !															
Dibenzofuran	5.1		ug/L	U	YES	 ! !															
Diethyl phthalate	2	     	ug/L	U	YES																
Dimethyl phthalate	2	     	ug/L	U	YES																
Di-n-butyl phthalate	2	     	ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES	   															
Fluoranthene	2	·	ug/L	U	YES	,															
Fluorene	2	1 1 1	ug/L	U	YES	1 1 1 1															'
Hexachlorobenzene	2		ug/L	U	YES	1 															'
Hexachlorobutadiene	2	·	ug/L	U	YES	 ! !															
Hexachlorocyclopentadiene	20	·	ug/L	U	YES	 ! !															
Hexachloroethane	5.1	·	ug/L	U	YES	F															
Indeno(1,2,3-cd)pyrene	2	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	7															
Isophorone	2	·	ug/L	U	YES	 i !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

**Analysis Type: RES** 

Sample Matrix : AQ

Lab Sample ID: N74914-1

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	.00														
Naphthalene	2	1 1 1 1	ug/L	U	YES	! ! !															
Nitrobenzene	2	1 1 1 1	ug/L	U	YES	1 1 1 1	1 1														
N-Nitroso-di-n-propylamine	2	T	ug/L	U	YES												[				
N-Nitrosodiphenylamine	5.1	T	ug/L	U	YES												[				
Phenanthrene	2	T	ug/L	U	YES	 ! !	i i				 			 					 		
Phenol	5.1	T	ug/L	U	YES	 ! !	i i				 			 					 		
Pyrene	2	T	ug/L	U	YES	 ! !															
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.01	i i	mg/l	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-1F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dile	ution: 1	.00														
Aluminum	200	)	ug/L	U	YES																
Antimony	5	5	ug/L	U	YES																
Arsenic	5	5	ug/L	U	YES																

Client Sample ID: RW0804-4553-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-1F

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	I Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution:	1.00													
Barium	141		ug/L	В	YES	J								J						12
Cadmium	0.5		ug/L	В	YES	UJ			U					J	1					12,6
Calcium	44200		ug/L		YES	F · · · · · · · · · · · · ·										 				
Chromium	10		ug/L	U	YES	F · · · · · · · · · · · · ·										 				
Cobalt	50		ug/L	U	YES	F										 				
Copper	3.5		ug/L	В	YES	J								J						12
Iron	100		ug/L	U	YES	 ! !														
Lead	3		ug/L	U	YES	 ! !														
Magnesium	4350		ug/L	В	YES	J								J						12
Manganese	190		ug/L		YES	 ! !														
Nickel	40		ug/L	U	YES	 ! !														
Potassium	2070		ug/L	В	YES	J								J						12
Selenium	5		ug/L	U	YES	! ! !														
Silver	10		ug/L	U	YES	,														
Sodium	8590		ug/L		YES	,														
Vanadium	50		ug/L	U	YES	,														
Zinc	107		ug/L		YES	; ;										 				
Analysis Method : 6020					Dil	ution:	2.00									 				
Beryllium	2		ug/L	U	YES	i !														
Thallium	1		ug/L	U	YES															
Analysis Method : 7470A					Dil	ution:	1.00									 				
Mercury	0.2		ug/L	U	YES	! !						I			1					

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	i	ug/L	U	YES	1															
Arsenic	5		ug/L	U	YES	1 1 1															

Project Number and Name: ENSR

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1															-
Antimony	5	1 1 1	ug/L	U	YES																
Barium	200	1 1 1	ug/L	U	YES					I											
Cadmium	4	·	ug/L	U	YES																
Calcium	11600	 	ug/L		YES																
Chromium	10	·	ug/L	U	YES																
Cobalt	50	i i	ug/L	U	YES						:										
Copper	27.5	; ; ;	ug/L		YES					 											
Iron	1140	i i	ug/L		YES																
Lead	3.6	i i	ug/L		YES	U			U												6
Magnesium	2310	i i	ug/L	В	YES	J								J							12
Manganese	46.6	i i	ug/L		YES																
Nickel	40		ug/L	U	YES		ĺ		ĺ	İ			ĺ		Ì		ĺ		ĺ	ĺ	į į
Potassium	986		ug/L	В	YES	J	ĺ		ĺ	İ			ĺ	J	Ì		ĺ		ĺ	ĺ	12
Selenium	5	i i	ug/L	U	YES						:										
Silver	10	i i	ug/L	U	YES						:										
Sodium	5760	·	ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	26.4		ug/L		YES																
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2	! ! !	ug/L	U	YES					I											
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A					Dil	ution: 1	1.00														
Mercury	0.2	1 1 1	ug/L	U	YES																
Analysis Method : 8081A					Dil	ution: 1	1.00														
4,4'-DDD	0.02	1	ug/L	U	YES					Ī											
4,4'-DDE	0.02		ug/L	U	YES																
4,4'-DDT	0.02	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES																
Aldrin	0.02	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES																
alpha-BHC	0.02		ug/L	U	YES		i	: 	 	<u>-</u>	: 	: 	: 	· 		:	- <del></del>	 	<u>-</u> 		

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A					Dil	ution:	1.00														
alpha-Chlordane	0.0	2	ug/L	U	YES	 				ĺ					ĺ		ĺ				
beta-BHC	0.0	2	ug/L	U	YES	1 				1					1					1	i
delta-BHC	0.0	2	ug/L	U	YES	 ! !															
Dieldrin	0.0		ug/L	U	YES	 ! !															
Endosulfan I	0.0		ug/L	U	YES	,				]											
Endosulfan II	0.0	2	ug/L	U	YES	   															
Endosulfan sulfate	0.0		ug/L	U	YES	   															
Endrin	0.0	2	ug/L	U	YES	   															
Endrin aldehyde	0.0		ug/L	U	YES	   															
Endrin ketone	0.0	5	ug/L	U	YES	   															
gamma-BHC	0.0	2	ug/L	U	YES	   				]											
gamma-Chlordane	0.0	2	ug/L	U	YES	 															•
Heptachlor	0.0	2	ug/L	U	YES	 															•
Heptachlor epoxide	0.0		ug/L	U	YES	,				]											
Methoxychlor	0.0		ug/L	U	YES	,				]											
Toxaphene	0.2	5	ug/L	U	YES	,				]											
Analysis Method: 8082					Dil	ution: 1	1.00														
Aroclor 1016	0.9	5	ug/L	U	YES	 				[											
Aroclor 1221	0.9	5	ug/L	U	YES					]											
Aroclor 1232	0.9		ug/L	U	YES					]											
Aroclor 1242	0.9		ug/L	U	YES					]											
Aroclor 1248	0.9	5	ug/L	U	YES	     				]											
Aroclor 1254	0.9	5	ug/L	U	YES	  -  -															
Aroclor 1260	0.9	5	ug/L	U	YES	  -  -															
Aroclor 1262	0.9	5	ug/L	U	YES	,															
Aroclor 1268	0.9	5	ug/L	U	YES	,															
Analysis Method : 8151A					Dil	ution: 1	1.00														
2,4,5-T	0.2	1	ug/L	U	YES							_	_		1						
2,4,5-TP (Silvex)	0.10	6	ug/L	U	YES	 ! !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

Report Date: 9/29/2004 08:46

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Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual		Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00														
2,4-D	0.53		ug/L	U	YES															
Pentachlorophenol	0.16		ug/L	U	YES				1										1 1	1
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															I
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES	[														 
1,1,2-Trichloroethane	1		ug/L	U	YES	[														 I
1,1-Dichloroethane	1		ug/L	U	YES	[														 I
1,1-Dichloroethene	1		ug/L	U	YES	[														 I
1,2,3-Trichlorobenzene	5		ug/L	U	YES	[														 I
1,2,4-Trichlorobenzene	5		ug/L	U	YES	[														 
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES	[														 
1,2-Dibromoethane	2		ug/L	U	YES														1	1
1,2-Dichlorobenzene	1		ug/L	U	YES														1	1
1,2-Dichloroethane	1		ug/L	U	YES	[														 
1,2-Dichloropropane	1		ug/L	U	YES	[														 
1,3-Dichlorobenzene	1		ug/L	U	YES	[														 
1,4-Dichlorobenzene	1		ug/L	U	YES	[														 
2-Butanone	10		ug/L	U	YES	[														 
2-Hexanone	5		ug/L	U	YES	[														 
4-METHYL-2-PENTANONE	5		ug/L	U	YES	[														 
Acetone	10		ug/L	U	YES	[														 
Benzene	1		ug/L	U	YES	[														 
Bromochloromethane	5		ug/L	U	YES				1										1 1	1
Bromodichloromethane	1		ug/L	U	YES														1	1
Bromoform	4		ug/L	U	YES	[														 
Bromomethane	2		ug/L	U	YES	[								Ī						 
Carbon disulfide	2		ug/L	U	YES	[								Ī						 
Carbon tetrachloride	1		ug/L	U	YES	[														 
Chlorobenzene	1		ug/L	U	YES									  i						 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Tem	р НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8260B					Dil	ution: 1.00														
Chloroethane	1	1 	ug/L	U	YES															•
Chloroform	1	! ! !	ug/L	U	YES							1								•
Chloromethane	1	7	ug/L	U	YES															
cis-1,2-Dichloroethene	1	7	ug/L	U	YES															
cis-1,3-Dichloropropene	1	7	ug/L	U	YES															
Cyclohexane	5	,	ug/L	U	YES	[														
Dibromochloromethane	1	,	ug/L	U	YES	[														
Dichlorodifluoromethane	5	,	ug/L	U	YES	[														
Ethylbenzene	1		ug/L	U	YES	[														
Freon 113	5		ug/L	U	YES	[														
Isopropylbenzene	2	,	ug/L	U	YES															
M,P-XYLENE	1	 	ug/L	U	YES			1												•
Methyl Acetate	5	 	ug/L	U	YES			1												•
Methyl tert-butyl ether	1	7	ug/L	U	YES															
Methylcyclohexane	5	7	ug/L	U	YES															
Methylene chloride	2	7	ug/L	U	YES															
o-Xylene	1		ug/L	U	YES	[														
Styrene	5	<del>,</del>	ug/L	U	YES	[														
Tetrachloroethene	1	<del>,</del>	ug/L	U	YES	[														
Toluene	1	<del>,</del>	ug/L	U	YES	[														
Total Xylenes	1	<del>,</del>	ug/L	U	YES	[														
trans-1,2-Dichloroethene	1	T	ug/L	U	YES	-														'
trans-1,3-Dichloropropene	1	1 1 1	ug/L	U	YES							1								•
Trichloroethene	1	1 1 1	ug/L	U	YES							1								•
Trichlorofluoromethane	5	7	ug/L	U	YES	[														,
Vinyl chloride	1	7	ug/L	U	YES	[														
Analysis Method : 8270C					Dil	ution: 1.00														
1,2,4,5-Tetrachlorobenzene	5.2	 	ug/L	U	YES															
1,4-Dioxane	2.1		ug/L	U	YES	[														

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV/	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	00													
2,3,4,6-Tetrachlorophenol	5.2		ug/L	U	YES															
2,4,5-Trichlorophenol	5.2		ug/L	U	YES	[														
2,4,6-Trichlorophenol	5.2		ug/L	U	YES	[										 				
2,4-Dichlorophenol	5.2		ug/L	U	YES	[										 				
2,4-Dimethylphenol	5.2		ug/L	U	YES	[										 				
2,4-Dinitrophenol	21		ug/L	U	YES	[										 				
2,4-Dinitrotoluene	2.1		ug/L	U	YES	[										 				
2,6-Dinitrotoluene	2.1		ug/L	U	YES	[										 				
2-Chloronaphthalene	5.2		ug/L	U	YES	[										 				
2-Chlorophenol	5.2		ug/L	U	YES	[										 				
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES	[										 				
2-Methylnaphthalene	2.1		ug/L	U	YES	[														
2-Methylphenol	5.2		ug/L	U	YES	[														
2-Nitroaniline	5.2		ug/L	U	YES	[										 				
2-Nitrophenol	5.2		ug/L	U	YES	[										 				
3&4-Methylphenol	5.2		ug/L	U	YES	[										 				
3,3'-Dichlorobenzidine	5.2		ug/L	U	YES	[										 				
3-Nitroaniline	5.2		ug/L	U	YES	[										 				
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES	[														
4-Chloro-3-methylphenol	5.2		ug/L	U	YES	[														
4-Chloroaniline	5.2		ug/L	U	YES	[														
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES	[														
4-Nitroaniline	5.2		ug/L	U	YES															
4-Nitrophenol	21		ug/L	U	YES	[														
Acenaphthene	2.1		ug/L	U	YES	[										 				
Acenaphthylene	2.1		ug/L	U	YES	[										 				
Acetophenone	5.2		ug/L	U	YES	:										 				
Anthracene	2.1		ug/L	U	YES	[										 				
Atrazine	5.2		ug/L	U	YES	[										 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fe

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* T	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	0													
Benzaldehyde	5.2		ug/L	U	YES															
Benzo(a)anthracene	2.1		ug/L	U	YES															
Benzo(a)pyrene	2.1		ug/L	U	YES															
Benzo(b)fluoranthene	2.1		ug/L	U	YES															
Benzo(g,h,i)perylene	2.1		ug/L	U	YES											 				
Benzo(k)fluoranthene	2.1		ug/L	U	YES											 				
BIPHENYL	2.1		ug/L	U	YES											 				
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES											 				
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES											 				
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES											 				
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES											 				
Butylbenzyl phthalate	2.1		ug/L	U	YES			Ì												
Caprolactam	2.1		ug/L	U	YES			Ì												
Carbazole	2.1		ug/L	U	YES															
Chrysene	2.1		ug/L	U	YES															
Dibenz(a,h)anthracene	2.1		ug/L	U	YES															
Dibenzofuran	5.2		ug/L	U	YES															
Diethyl phthalate	2.1		ug/L	U	YES															
Dimethyl phthalate	2.1		ug/L	U	YES															
Di-n-butyl phthalate	2.1		ug/L	U	YES															
Di-n-octyl phthalate	2.1		ug/L	U	YES															
Fluoranthene	2.1		ug/L	U	YES															
Fluorene	2.1		ug/L	U	YES															
Hexachlorobenzene	2.1		ug/L	U	YES															
Hexachlorobutadiene	2.1		ug/L	U	YES															
Hexachlorocyclopentadiene	21		ug/L	U	YES															
Hexachloroethane	5.2		ug/L	U	YES															
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES															
Isophorone	2.1		ug/L	U	YES	[										 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-6

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.	.00														
Naphthalene	2.1	I I I	ug/L	U	YES	[															
Nitrobenzene	2.1		ug/L	U	YES	[				I							1				
N-Nitroso-di-n-propylamine	2.1	T	ug/L	U	YES	[											[				
N-Nitrosodiphenylamine	5.2	T	ug/L	U	YES	[															
Phenanthrene	2.1	T	ug/L	U	YES	[								 					 		·
Phenol	5.2		ug/L	U	YES	[								 					 		·
Pyrene	2.1		ug/L	U	YES	[				 											
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.01		mg/l	U	YES	<u> </u>									1						

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-6F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	i i	ug/L	U	YES	!				1											
Arsenic	5		ug/L	U	YES	1 1 1													1		

Project Number and Name: ENS

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4573-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-6F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	1.00														
Antimony	5	 	ug/L	U	YES																
Barium	200	1 	ug/L	U	YES																
Cadmium	4	T	ug/L	U	YES																
Calcium	11600	T	ug/L		YES																
Chromium	10	7	ug/L	U	YES																
Cobalt	50		ug/L	U	YES																
Copper	17.5		ug/L	В	YES	J								J							12
Iron	534		ug/L		YES																
Lead	3		ug/L	U	YES																
Magnesium	2290	 ! !	ug/L	В	YES	J								J							12
Manganese	43.9	 ! !	ug/L		YES																
Nickel	2.4	 	ug/L	В	YES	J						ĺ	ĺ	J	i i		Ì	İ	ĺ	İ	12
Potassium	1040	 	ug/L	В	YES	J						ĺ	ĺ	J	i i		Ì	İ	ĺ	İ	12
Selenium	5		ug/L	U	YES										i						
Silver	10		ug/L	U	YES										i						
Sodium	5710		ug/L		YES										i						
Vanadium	50		ug/L	U	YES			:							i i						
Zinc	27.8		ug/L		YES			:							i i						
Analysis Method : 6020					Dil	ution: 2	2.00						. =		. = = = = = = =			~			
Beryllium	2	 	ug/L	U	YES													1			
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A			/:		Dil	ution:	1.00		`	í	í			í							
Mercury	0.2	1 1 1	ug/L	U	YES																

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	i i	ug/L	U	YES	!				1											
Arsenic	5		ug/L	U	YES	1 1 1													1		

Project Number and Name: EN

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

ADR 6.1 Report Date: 9/29/2004 08:46

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Un Result	certainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B						ution: 1															
Antimony	5		ug/L	U	YES		1			1											 
Barium	15.7		ug/L	В	YES	J	İ		İ	İ	İ	Ï	İ	J	į į		i i		Ì	İ	12
Cadmium	4		ug/L	U	YES		<u> </u>												 		 
Calcium	8270		ug/L		YES		<u> </u>												 		 
Chromium	3.4		ug/L	В	YES	J	<u> </u>							J					 		12
Cobalt	50		ug/L	U	YES		<u> </u>												 		 
Copper	20.1		ug/L	В	YES	J								J							12
Iron	100		ug/L	U	YES																 
Lead	3		ug/L	U	YES																 
Magnesium	2110		ug/L	В	YES	J								J							12
Manganese	12.6		ug/L	В	YES	J	<u> </u>							J							12
Nickel	2.6		ug/L	В	YES	J	I			I				J			1 1				12
Potassium	808		ug/L	В	YES	J	İ		İ	ĺ	İ		İ	J	İ		i i			Ì	12
Selenium	5		ug/L	U	YES		<u> </u>												 		 
Silver	10		ug/L	U	YES		<u> </u>												 		 
Sodium	4490		ug/L	В	YES	J	 							J							12
Vanadium	50		ug/L	U	YES		 														 
Zinc	15.5		ug/L	В	YES	J	 							J							12
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2		ug/L	U	YES					I											1
Thallium	1		ug/L	U	YES																 
Analysis Method : 7470A					Dil	ution: 1	.00														
Mercury	0.2		ug/L	U	YES		[			1											1
Analysis Method: 8081A					Dil	ution: 1	.00														
4,4'-DDD	0.021		ug/L	U	YES		ĺ			Ī											 
4,4'-DDE	0.021		ug/L	U	YES																 I
4,4'-DDT	0.021		ug/L	U	YES														 		 
Aldrin	0.021		ug/L	U	YES																 
alpha-BHC	0.021		ug/L	U	YES					 									 		 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A						ution: 1															
alpha-Chlordane	0.021	1	ug/L	U	YES																
beta-BHC	0.021	1	ug/L	U	YES		ĺ		ĺ	ĺ		Ì	ĺ			İ	Ì		İ		į į
delta-BHC	0.021		ug/L	U	YES						:									:	
Dieldrin	0.021	- <del> </del>	ug/L	U	YES																
Endosulfan I	0.021	- <del> </del>	ug/L	U	YES																
Endosulfan II	0.021		ug/L	U	YES																
Endosulfan sulfate	0.021		ug/L	U	YES																
Endrin	0.021		ug/L	U	YES																
Endrin aldehyde	0.021		ug/L	U	YES																
Endrin ketone	0.052	.	ug/L	U	YES																
gamma-BHC	0.021		ug/L	U	YES																
gamma-Chlordane	0.021	1	ug/L	U	YES																
Heptachlor	0.021	1	ug/L	U	YES																
Heptachlor epoxide	0.021	- <del> </del>	ug/L	U	YES																
Methoxychlor	0.052	·	ug/L	U	YES																
Toxaphene	0.26		ug/L	U	YES																
Analysis Method : 8082					Dil	ution: 1	1.00														
Aroclor 1016	0.52	1	ug/L	U	YES																
Aroclor 1221	0.52		ug/L	U	YES																
Aroclor 1232	0.52		ug/L	U	YES																
Aroclor 1242	0.52		ug/L	U	YES																
Aroclor 1248	0.52	. !	ug/L	U	YES																
Aroclor 1254	0.52	1	ug/L	U	YES																
Aroclor 1260	0.52	i	ug/L	U	YES							1									
Aroclor 1262	0.52		ug/L	U	YES																
Aroclor 1268	0.52		ug/L	U	YES																 
Analysis Method : 8151A					Dil	ution: 1	1.00														
2,4,5-T	0.22	1	ug/L	U	YES							]									
2,4,5-TP (Silvex)	0.17		ug/L	U	YES																 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	U Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00														
2,4-D	0.56		ug/L	U	YES															
Pentachlorophenol	0.17		ug/L	U	YES															
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES															
1,1,2-Trichloroethane	1		ug/L	U	YES															
1,1-Dichloroethane	1		ug/L	U	YES															
1,1-Dichloroethene	1		ug/L	U	YES															
1,2,3-Trichlorobenzene	5		ug/L	U	YES															
1,2,4-Trichlorobenzene	5		ug/L	U	YES															
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES															
1,2-Dibromoethane	2		ug/L	U	YES															
1,2-Dichlorobenzene	1		ug/L	U	YES															
1,2-Dichloroethane	1		ug/L	U	YES															
1,2-Dichloropropane	1		ug/L	U	YES															
1,3-Dichlorobenzene	1		ug/L	U	YES															
1,4-Dichlorobenzene	1		ug/L	U	YES															
2-Butanone	10		ug/L	U	YES															
2-Hexanone	5		ug/L	U	YES															
4-METHYL-2-PENTANONE	5		ug/L	U	YES															
Acetone	10		ug/L	U	YES															
Benzene	1		ug/L	U	YES															
Bromochloromethane	5		ug/L	U	YES															
Bromodichloromethane	1		ug/L	U	YES															
Bromoform	4		ug/L	U	YES															
Bromomethane	2		ug/L	U	YES															
Carbon disulfide	2		ug/L	U	YES															
Carbon tetrachloride	1		ug/L	U	YES					 										
Chlorobenzene	1		ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Revie	wed By	/ / Date :
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Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV/	Reason Codes
Analysis Method : 8260B					Dil	ution: 1.0	00													
Chloroethane	1	1 	ug/L	U	YES															
Chloroform	1	1 	ug/L	U	YES															
Chloromethane	1	T	ug/L	U	YES															
cis-1,2-Dichloroethene	1	T	ug/L	U	YES															
cis-1,3-Dichloropropene	1	T	ug/L	U	YES															
Cyclohexane	5	<del>,</del>	ug/L	U	YES															
Dibromochloromethane	1	<del>,</del>	ug/L	U	YES															
Dichlorodifluoromethane	5	<del>,</del>	ug/L	U	YES															
Ethylbenzene	1	<del>,</del>	ug/L	U	YES															
Freon 113	5	<del>,</del>	ug/L	U	YES															
Isopropylbenzene	2	<del>,</del>	ug/L	U	YES															
M,P-XYLENE	1	1 	ug/L	U	YES															
Methyl Acetate	5	1 	ug/L	U	YES															
Methyl tert-butyl ether	1	T	ug/L	U	YES															
Methylcyclohexane	5	T	ug/L	U	YES															
Methylene chloride	2	T	ug/L	U	YES															
o-Xylene	1		ug/L	U	YES	[														
Styrene	5	i i	ug/L	U	YES															
Tetrachloroethene	1	i i	ug/L	U	YES															
Toluene	1	i i	ug/L	U	YES															
Total Xylenes	1	i i	ug/L	U	YES															
trans-1,2-Dichloroethene	1	 	ug/L	U	YES															
trans-1,3-Dichloropropene	1	i I I	ug/L	U	YES															
Trichloroethene	1	 	ug/L	U	YES															
Trichlorofluoromethane	5	T	ug/L	U	YES															
Vinyl chloride	1	T	ug/L	U	YES															
Analysis Method : 8270C					Dil	ution: 1.0	00									 				
1,2,4,5-Tetrachlorobenzene	5		ug/L	U	YES	i T	Ī					1 -		_						
1,4-Dioxane	2	<del>,</del>	ug/L	U	YES	[						[								

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	ا Result	Jncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						ution: 1.00					·									
2,3,4,6-Tetrachlorophenol	5		ug/L	U	YES															
2,4,5-Trichlorophenol	5		ug/L	U	YES				1											
2,4,6-Trichlorophenol	5		ug/L	U	YES															
2,4-Dichlorophenol	5		ug/L	U	YES															
2,4-Dimethylphenol	5		ug/L	U	YES															
2,4-Dinitrophenol	20		ug/L	U	YES															
2,4-Dinitrotoluene	2		ug/L	U	YES															
2,6-Dinitrotoluene	2		ug/L	U	YES															
2-Chloronaphthalene	5		ug/L	U	YES															
2-Chlorophenol	5		ug/L	U	YES															
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES															
2-Methylnaphthalene	2		ug/L	U	YES				1					1						
2-Methylphenol	5		ug/L	U	YES				I					1						
2-Nitroaniline	5		ug/L	U	YES															
2-Nitrophenol	5		ug/L	U	YES															
3&4-Methylphenol	5		ug/L	U	YES															
3,3'-Dichlorobenzidine	5		ug/L	U	YES					 										
3-Nitroaniline	5		ug/L	U	YES					 										
4-Bromophenyl phenyl ether	2		ug/L	U	YES					 										
4-Chloro-3-methylphenol	5		ug/L	U	YES					 										
4-Chloroaniline	5		ug/L	U	YES															
4-Chlorophenyl phenyl ether	2		ug/L	U	YES															
4-Nitroaniline	5		ug/L	U	YES				1					1						
4-Nitrophenol	20		ug/L	U	YES				1											
Acenaphthene	2		ug/L	U	YES															
Acenaphthylene	2		ug/L	U	YES															
Acetophenone	5		ug/L	U	YES															
Anthracene	2		ug/L	U	YES															
Atrazine	5		ug/L	U	YES				 											

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

**Analysis Type: RES** 

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV/	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	00													
Benzaldehyde	5	1 	ug/L	U	YES															
Benzo(a)anthracene	2	 	ug/L	U	YES															
Benzo(a)pyrene	2	7	ug/L	U	YES															
Benzo(b)fluoranthene	2	 	ug/L	U	YES															
Benzo(g,h,i)perylene	2	 	ug/L	U	YES															
Benzo(k)fluoranthene	2	i i	ug/L	U	YES															
BIPHENYL	2	i i	ug/L	U	YES															
bis(2-Chloroethoxy)methane	2	i i	ug/L	U	YES															
Bis(2-chloroethyl) ether	2	i i	ug/L	U	YES															
Bis(2-chloroisopropyl) ether	2	i i	ug/L	U	YES															
Bis(2-ethylhexyl) phthalate	2	i i	ug/L	U	YES															
Butylbenzyl phthalate	2		ug/L	U	YES															
Caprolactam	2		ug/L	U	YES															
Carbazole	2	 	ug/L	U	YES															
Chrysene	2	 	ug/L	U	YES															
Dibenz(a,h)anthracene	2	 	ug/L	U	YES															
Dibenzofuran	5	i i	ug/L	U	YES															
Diethyl phthalate	2	 	ug/L	U	YES										<u> </u>					l
Dimethyl phthalate	2	 	ug/L	U	YES										<u> </u>					l
Di-n-butyl phthalate	2	 	ug/L	U	YES										<u> </u>					l
Di-n-octyl phthalate	2	 	ug/L	U	YES										<u> </u>					l
Fluoranthene	2		ug/L	U	YES															
Fluorene	2		ug/L	U	YES															
Hexachlorobenzene	2	 	ug/L	U	YES							_[]			<u> </u>					l
Hexachlorobutadiene	2	 	ug/L	U	YES	Ī					]								<u> </u>	<u> </u>
Hexachlorocyclopentadiene	20	 	ug/L	U	YES	Ī					]								<u> </u>	<u> </u>
Hexachloroethane	5		ug/L	U	YES															
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES															
Isophorone	2	,   	ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-4

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.	00														
Naphthalene	2	2	ug/L	U	YES															1	
Nitrobenzene	2	2	ug/L	U	YES																
N-Nitroso-di-n-propylamine	2	2	ug/L	U	YES	:											[				
N-Nitrosodiphenylamine		5	ug/L	U	YES	:											[				
Phenanthrene	2	2	ug/L	U	YES	:											[				
Phenol		5	ug/L	U	YES	[											[				
Pyrene	2	2	ug/L	U	YES	[											[				
Analysis Method : 9012A					Dil	ution: 1.	00														
Cyanide	0.0	1	mg/l	U	YES	[														1	

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-4F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dile	ution: 1	.00														
Aluminum	200	)	ug/L	U	YES																
Antimony	5	5	ug/L	U	YES																
Arsenic	5	5	ug/L	U	YES																

Client Sample ID: RW0804-4578-UZZLERD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-4F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution:	1.00														
Barium	15.6		ug/L	В	YES	J								J	1						12
Cadmium	4		ug/L	U	YES	 	İ	İ	ĺ			İ	Ì	İ	i i		İ		ĺ	İ	
Calcium	8120		ug/L		YES	F															
Chromium	3.4		ug/L	В	YES	J								J							12
Cobalt	50		ug/L	U	YES	F															
Copper	12.5		ug/L	В	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	2070		ug/L	В	YES	J								J							12
Manganese	11.5		ug/L	В	YES	J								J							12
Nickel	2.7		ug/L	В	YES	J								J							12
Potassium	841		ug/L	В	YES	J	İ	İ	ĺ			İ	Ì	J	i i		İ		ĺ	İ	12
Selenium	5		ug/L	U	YES	 	İ	İ	ĺ			İ	Ì	İ	i i		İ		İ	İ	
Silver	10		ug/L	U	YES	r ! !		<u> </u>							i						
Sodium	4340		ug/L	В	YES	J		<u> </u>						J	i						12
Vanadium	50		ug/L	U	YES	r ! !		<u> </u>							i						
Zinc	14.9		ug/L	В	YES	J								J	i i						12
Analysis Method : 6020					Dil	ution:	2.00														
Beryllium	2		ug/L	U	YES	I I															
Thallium	1		ug/L	U	YES	; ;															
Analysis Method : 7470A					Dil	ution:	1.00														
Mercury	0.2		ug/L	U	YES	!															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	)	ug/L	U	YES								[								

Project Number and Name: ENSRMAA25

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1.00														
Antimony	5		ug/L	U	YES								1							
Arsenic	5		ug/L	U	YES		ĺ	Ì	Ì		Ì		ĺ	Ì		İ		Ĭ	İ	
Barium	5.7		ug/L	В	YES	UJ		U		 			J							12,6
Cadmium	4		ug/L	U	YES	[				 										
Calcium	170		ug/L	В	YES	J							J							12
Chromium	10		ug/L	U	YES	[														
Cobalt	50		ug/L	U	YES	[														
Copper	11.8		ug/L	В	YES	J							J							12
Iron	162		ug/L		YES	[														
Lead	3		ug/L	U	YES	[														
Magnesium	13.8		ug/L	В	YES	J							J							12
Manganese	2.7		ug/L	В	YES	J							J							12
Nickel	40		ug/L	U	YES				1											
Potassium	5000		ug/L	U	YES	[														
Selenium	5		ug/L	U	YES															
Silver	10		ug/L	U	YES															
Sodium	87100		ug/L		YES															
Vanadium	50		ug/L	U	YES															
Zinc	10		ug/L	В	YES	J							J							12
Analysis Method : 6020					Dil	ution: 2.00														
Beryllium	2		ug/L	U	YES															
Thallium	1		ug/L	U	YES															
Analysis Method : 7470A					Dil	ution: 1.00														
Mercury	0.2		ug/L	U	YES					]										
Analysis Method: 8081A					Dil	ution: 1.00														
4,4'-DDD	0.022		ug/L	U	YES				]	]				1				]		
4,4'-DDE	0.022		ug/L	U	YES				]	<u> </u>			<u> </u>							
4,4'-DDT	0.022		ug/L	U	YES				]	<u> </u>			<u> </u>	1						
Aldrin	0.022		ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty /	Result Units	Lab Qual	Rep Res		l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A	rtooun	2.1.0.	Oto	- quui		lution:						Бир	Juil		104510		14110				00000
alpha-BHC	0.022	1	ug/L	U	YES	!			1					1	1	1		1		1	
alpha-Chlordane	0.022		ug/L	U	YES		İ	İ		İ		! 	, 		İ		İ			i	
beta-BHC	0.022	; 	ug/L	U	YES	; !	i	<u>:</u>	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u> 		: 	: 	i 	' 
delta-BHC	0.022	; 	ug/L	U	YES	; !	i	<u>:</u>	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u> 		: 	: 	i 	' 
Dieldrin	0.022	; 	ug/L	U	YES	; !	i	<u>:</u>	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u> 		: 	: 	i 	' 
Endosulfan I	0.022	: <del></del>	ug/L	U	YES	; !	i	<u>:</u>	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u> 		: 	: 	i 	' 
Endosulfan II	0.022	:	ug/L	U	YES	}	İ	i	: 	: 	:	: 	: 	: 	İ	: 	- <u>:</u>	: 	: 	: 	' 
Endosulfan sulfate	0.022	: <del></del>	ug/L	U	YES	; !	İ	i	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u>		: 	<i>:</i> 	 	' 
Endrin	0.022	: <del></del>	ug/L	U	YES	; !	İ	i	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u>		: 	<i>:</i> 	 	' 
Endrin aldehyde	0.022	: <del></del>	ug/L	U	YES	; !	İ	i	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u>		: 	<i>:</i> 	 	' 
Endrin ketone	0.056	:	ug/L	U	YES	}	İ	i	: 	: 	:	: 	: 	: 	İ	: 	- <u>:</u>	: 	: 	: 	' 
gamma-BHC	0.022		ug/L	U	YES		İ	İ		İ			, 		İ		İ			i	
gamma-Chlordane	0.022		ug/L	U	YES		İ	İ		İ			, 		İ		İ			i	
Heptachlor	0.022	; 	ug/L	U	YES	; !	i	<u>:</u>	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u> 		: 	: 	i 	' 
Heptachlor epoxide	0.022	<del></del>	ug/L	U	YES	}	İ	i	: 	<u>:</u>	: 	<u> </u>	: 		<u>.</u>	<u>:</u>	- <u>-</u>	: 	 	: 	' 
Methoxychlor	0.056	; 	ug/L	U	YES	; !	i	<u>:</u>	: 	: 	: 	<u>.</u> 		: 	i	<u>:</u> 		: 	: 	i 	' 
Toxaphene	0.28	: <del>-</del>	ug/L	U	YES	; !	İ	i 	: 	: 	: 	: 		: 	i	<u>:</u> 		: 	: 	:	' 
Analysis Method : 8082	i	.:			Di	lution:	1.00	<u> </u>			!	'		·							'
Aroclor 1016	0.56	1	ug/L	U	YES	1															
Aroclor 1221	0.56		ug/L	U	YES		İ			: 	: 	` 				i				. <del></del>	' 
Aroclor 1232	0.56		ug/L	U	YES		İ			: 	: 	` 				i				. <del></del>	' 
Aroclor 1242	0.56	· <del></del>	ug/L	U	YES	;	İ			i	:	` 								· <del>-</del>	' 
Aroclor 1248	0.56		ug/L	U	YES		İ		İ	İ			Ì	İ	Ì	Ì	İ	İ	İ	İ	
Aroclor 1254	0.56		ug/L	U	YES		İ	İ	İ	I			İ	İ	İ	İ	İ	İ	İ	İ	
Aroclor 1260	0.56	. <del>;</del>	ug/L	U	YES	}	i	<u></u>	·	<u>-</u>	:	<u></u>		<u>-</u> 	İ	<u>:</u>		· 		. <u>:</u>	` 
Aroclor 1262	0.56	; 	ug/L	U	YES					 	: 	: 		: 	i	<u>.</u>					`   
Aroclor 1268	0.56	. <del>;</del>	ug/L	U	YES	}	i	<u></u>	·	<u>-</u>	:	<u></u>		<u>-</u> 	İ	<u>:</u>		· 		. <u>:</u>	` 
Analysis Method : 8151A	<u> </u>		<i></i>		Di	lution:	1.00	<u></u>		<i></i>	:	`							2		`
2,4,5-T	0.22	1	ug/L	U	YES	1									1						
					_'																

**Project Number and Name:** 

**ADR 6.1** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

Report Date: 9/29/2004 08:46

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Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Jncertainty / Error	Result Units	Lab Qual		Overall Qual* Tem	ь нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00													
2,4,5-TP (Silvex)	0.17		ug/L	U	YES														
2,4-D	0.56		ug/L	U	YES														
Pentachlorophenol	0.17		ug/L	U	YES										 				
Analysis Method : 8260B					Dil	ution: 1.00									 				
1,1,1-Trichloroethane	1		ug/L	U	YES														
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES														
1,1,2-Trichloroethane	1		ug/L	U	YES														
1,1-Dichloroethane	1		ug/L	U	YES														
1,1-Dichloroethene	1		ug/L	U	YES														
1,2,3-Trichlorobenzene	5		ug/L	U	YES														
1,2,4-Trichlorobenzene	5		ug/L	U	YES														
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES														
1,2-Dibromoethane	2		ug/L	U	YES														
1,2-Dichlorobenzene	1		ug/L	U	YES														
1,2-Dichloroethane	1		ug/L	U	YES														
1,2-Dichloropropane	1		ug/L	U	YES														
1,3-Dichlorobenzene	1		ug/L	U	YES														
1,4-Dichlorobenzene	1		ug/L	U	YES		1	1	]	]					 			<u> </u>	l
2-Butanone	10		ug/L	U	YES		1	1	]	]					 			<u> </u>	l
2-Hexanone	5		ug/L	U	YES		1	1	]	]					 			<u> </u>	l
4-METHYL-2-PENTANONE	5		ug/L	U	YES		1	1	]	]					 			<u> </u>	l
Acetone	10		ug/L	U	YES														
Benzene	1		ug/L	U	YES														
Bromochloromethane	5		ug/L	U	YES		[	1	]	]				<u> </u>				<u> </u>	<u> </u>
Bromodichloromethane	1		ug/L	U	YES		[	1	]	]				<u> </u>				<u> </u>	<u> </u>
Bromoform	4		ug/L	U	YES				<u> </u>						 				<u> </u>
Bromomethane	2		ug/L	U	YES				<u> </u>	]									<u> </u>
Carbon disulfide	2		ug/L	U	YES				<u> </u>	]									<u> </u>
Carbon tetrachloride	1		ug/L	U	YES			<u></u>	<u> </u>	<u> </u>			<u> </u>		 1			<u> </u>	<u> </u>

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

**Analysis Type: RES** 

Sample Matrix: AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B	Result	LITOI	Office	Quai		ution:			MD	L00	WIO	Бир	Juli	Lillin	100/013	Q.C	Turic		101	001	Codes
Chlorobenzene	1	1 1	ug/L	U	YES				1	1		1	1		1 1		1 1		1	1	
Chloroethane	1	1 1 1	ug/L	U	YES	 	İ	Ì	İ	İ		l	ļ		' ' 		' '		İ	İ	1
Chloroform	1		ug/L	U	YES	!   	¦	<u> </u>		<u>'</u> 		' 	\ 	! 	<u> </u>		: <u>-</u> '		' 	¦	 
Chloromethane	1	:	ug/L	U	YES	¦	i	 	<u> </u>	<u>'</u> 		\ 		! 	<u> </u>		. <u>'</u> '		' 	: 	 
cis-1,2-Dichloroethene	1	· <del> </del>	ug/L	U	YES			<u> </u>		<u>'</u> 		\ 	\ 	! 	<u> </u>		<u>'</u> '		<u>'</u>	. <u>.</u>	 
cis-1,3-Dichloropropene	1	:	ug/L	U	YES	¦	i	 	<u> </u>	<u>'</u> 		\ 		! 	<u> </u>		. <u>'</u> '		' 	: 	 
Cyclohexane	5	:	ug/L	U	YES	¦	i	: 	<u> </u> 	<u>:</u> 		: 	<u></u>	: 	ii		: 		: 	: 	 
Dibromochloromethane	1	:	ug/L	U	YES	¦	i	: 	<u> </u> 	<u>:</u> 		: 	<u></u>	: 	ii		: 		: 	: 	 
Dichlorodifluoromethane	5		ug/L	U	YES	¦		<u>-</u>	<u> </u>	<u>:</u> 		` 	: 	: 	ii		<u>.</u>		<u>:</u>	: <u>-</u>	 
Ethylbenzene	1	: !	ug/L	U	YES		İ	: 	: 	<u>.</u> İ		:   	: 	: 	i		. <u>.</u> .		: 	İ	 
Freon 113	5	: !	ug/L	U	YES		İ	: 	: 	<u>.</u> İ		:   	: 	: 	i		. <u>.</u> .		: 	İ	 
Isopropylbenzene	2		ug/L	U	YES	! ! !	İ	, 		İ			, 		i i		i i			İ	1
M,P-XYLENE	1		ug/L	U	YES	! ! !	İ	, 		İ			, 		i i		i i			İ	1
Methyl Acetate	5		ug/L	U	YES		İ	<u>-</u>	: 	<u>.</u>		' 	¦	! 	ii		<u>.</u>			i	 
Methyl tert-butyl ether	1		ug/L	U	YES		i	<u>:</u> 	: 	<u>.</u>		: 	<u>:</u>	: 			. <u> </u>		: 	i	 
Methylcyclohexane	5		ug/L	U	YES		i	<u>:</u> 	: 	<u>.</u>		: 	<u>:</u>	: 			. <u> </u>		: 	i	 
Methylene chloride	2	·	ug/L	U	YES	   	İ			<u> </u>				: 	i		. <u>.</u>			. <del></del>	 
o-Xylene	1	·	ug/L	U	YES	   	İ			<u> </u>				: 	i		. <u>.</u>			. <del></del>	 
Styrene	5	·	ug/L	U	YES	     															 
Tetrachloroethene	1	·	ug/L	U	YES	     															 
Toluene	1	·	ug/L	U	YES	     															 
Total Xylenes	1		ug/L	U	YES	F															 
trans-1,2-Dichloroethene	1		ug/L	U	YES		Ì	ĺ	İ	İ		Ì	ĺ		İ		İ		İ	Ì	1
trans-1,3-Dichloropropene	1		ug/L	U	YES		Ì	ĺ	İ	İ		Ì	ĺ		İ		İ		İ	Ì	1
Trichloroethene	1	·	ug/L	U	YES	     															 
Trichlorofluoromethane	5	·	ug/L	U	YES	 : :															
Vinyl chloride	1	·	ug/L	U	YES	 : :															
Analysis Method : 8270C					Dil	ution:	1.00														
1,2,4,5-Tetrachlorobenzene	5.3	1	ug/L	U	YES	i i			1	1		1							1		- 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* T	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	0													
1,4-Dioxane	2.1		ug/L	U	YES															
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES															,
2,4,5-Trichlorophenol	5.3		ug/L	U	YES											 				
2,4,6-Trichlorophenol	5.3		ug/L	U	YES											 				
2,4-Dichlorophenol	5.3		ug/L	U	YES	[										 				
2,4-Dimethylphenol	5.3		ug/L	U	YES	[										 				
2,4-Dinitrophenol	21		ug/L	U	YES	[										 				
2,4-Dinitrotoluene	2.1		ug/L	U	YES	[										 				
2,6-Dinitrotoluene	2.1		ug/L	U	YES	[										 				
2-Chloronaphthalene	5.3		ug/L	U	YES	[										 				
2-Chlorophenol	5.3		ug/L	U	YES	[										 				
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES															,
2-Methylnaphthalene	2.1		ug/L	U	YES															,
2-Methylphenol	5.3		ug/L	U	YES											 				
2-Nitroaniline	5.3		ug/L	U	YES											 				
2-Nitrophenol	5.3		ug/L	U	YES											 				
3&4-Methylphenol	5.3		ug/L	U	YES											 				
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES	[														
3-Nitroaniline	5.3		ug/L	U	YES	[														
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES	[														
4-Chloro-3-methylphenol	5.3		ug/L	U	YES	[														
4-Chloroaniline	5.3		ug/L	U	YES															
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES	1														
4-Nitroaniline	5.3		ug/L	U	YES	1														
4-Nitrophenol	21		ug/L	U	YES															
Acenaphthene	2.1		ug/L	U	YES															
Acenaphthylene	2.1		ug/L	U	YES															
Acetophenone	5.3		ug/L	U	YES	[														
Anthracene	2.1		ug/L	U	YES	[										 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	L Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C						ution: 1.00													
Atrazine	5.3		ug/L	U	YES														
Benzaldehyde	5.3		ug/L	U	YES				I										
Benzo(a)anthracene	2.1		ug/L	U	YES	[									 				
Benzo(a)pyrene	2.1		ug/L	U	YES	[													
Benzo(b)fluoranthene	2.1		ug/L	U	YES	[													
Benzo(g,h,i)perylene	2.1		ug/L	U	YES	[													
Benzo(k)fluoranthene	2.1		ug/L	U	YES	[													
BIPHENYL	2.1		ug/L	U	YES	[													
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES	[													
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES	[													
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES	[													
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES				1										
Butylbenzyl phthalate	2.1		ug/L	U	YES				I										
Caprolactam	2.1		ug/L	U	YES	[									 				
Carbazole	2.1		ug/L	U	YES	[									 				
Chrysene	2.1		ug/L	U	YES	[									 				
Dibenz(a,h)anthracene	2.1		ug/L	U	YES	[				 					 				
Dibenzofuran	5.3		ug/L	U	YES	[									 				
Diethyl phthalate	2.1		ug/L	U	YES	[				 					 				
Dimethyl phthalate	2.1		ug/L	U	YES	[				 					 				
Di-n-butyl phthalate	2.1		ug/L	U	YES	[									 				
Di-n-octyl phthalate	2.1		ug/L	U	YES	[													
Fluoranthene	2.1		ug/L	U	YES				1										
Fluorene	2.1		ug/L	U	YES				1										
Hexachlorobenzene	2.1		ug/L	U	YES	[													
Hexachlorobutadiene	2.1		ug/L	U	YES	[													
Hexachlorocyclopentadiene	21		ug/L	U	YES	[									 				
Hexachloroethane	5.3		ug/L	U	YES	[									 				
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES				 	 					 			 	

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-11

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method: 8270C					Dil	ution: 1	.00														
Isophorone	2.1	1	ug/L	U	YES	1 1 1				1											
Naphthalene	2.1	1 1 1	ug/L	U	YES	1 1 1				1											
Nitrobenzene	2.1	1	ug/L	U	YES	F															
N-Nitroso-di-n-propylamine	2.1	1	ug/L	U	YES																
N-Nitrosodiphenylamine	5.3	1	ug/L	U	YES																
Phenanthrene	2.1	1	ug/L	U	YES	F															
Phenol	5.3	1	ug/L	U	YES	F															
Pyrene	2.1	1	ug/L	U	YES	F															
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.01		mg/l	U	YES					I											

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

**Lab Sample ID:** N74914-11F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	.00														
Aluminum	200	)	ug/L	U	YES																

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4709-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-11F

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	1.00													
Antimony	5		ug/L	U	YES														l l	
Arsenic	5		ug/L	U	YES															
Barium	200		ug/L	U	YES															
Cadmium	4		ug/L	U	YES											 				
Calcium	234		ug/L	В	YES	J								J						12
Chromium	10		ug/L	U	YES											 			[ ]	
Cobalt	50		ug/L	U	YES											 			[	
Copper	8.7		ug/L	В	YES	J								J		 			[	12
Iron	100		ug/L	U	YES											 			[	
Lead	3		ug/L	U	YES											 [				
Magnesium	16.7		ug/L	В	YES	J								J						12
Manganese	15		ug/L	U	YES															
Nickel	40		ug/L	U	YES							1							1 1	
Potassium	5000		ug/L	U	YES															
Selenium	5		ug/L	U	YES															
Silver	10		ug/L	U	YES															
Sodium	90200		ug/L		YES															
Vanadium	50		ug/L	U	YES															
Zinc	10.7		ug/L	В	YES	J								J						12
Analysis Method : 6020					Dil	ution: 2	2.00									 				
Beryllium	2		ug/L	U	YES							ĺ								
Thallium	1		ug/L	U	YES										 	 				
Analysis Method : 7470A	·				Dil	ution: 1	1.00									·			,	
Mercury	0.2		ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	695	1	ug/L		YES	!				1											
Antimony	5		ug/L	U	YES	1 1 1													1		

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Ur Result	ncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B						ution: 1															
Arsenic	5		ug/L	U	YES		1				1		1	1							
Barium	17		ug/L	В	YES	J		,		<u>'</u>		Ì		J	i		İ		i I	İ	12
Cadmium	4		ug/L	U	YES		<u> </u>		<u></u>	! 	<u>-</u> 	. <u>.</u> 	<u>.</u>	<u>'</u> 			- <del> </del>		<u>-</u> 		 
Calcium	65200		ug/L		YES		i		: 	: 	<u>:</u> 	: 	: 	: 			- <del></del>		<u>-</u>	i	 
Chromium	1.6		ug/L	В	YES	J	<u>.</u>		<u></u>	: 	<u>:</u>		: 	J			- <del>-</del>		<u>-</u>	<u> </u>	12
Cobalt	50		ug/L	U	YES		i		: 	: 	<u>:</u> 	: 	: 	: 			- <del></del>		<u>-</u>	i	 
Copper	50.4		ug/L		YES		<u>:</u> 		<u></u>	: 	<u>:</u> 	: 	` 	: 			- <del>-</del>	` 	<u>-</u>	<u>.</u>	 
Iron	3290		ug/L		YES		i		<u> </u>	: 	<u>:</u> 		<u>:</u>	: 			 		<u>:</u>		 
Lead	5.9		ug/L		YES		i		<u> </u>	: 	<u>:</u> 	: 	<u>:</u>	: 			 		<u>:</u>		 
Magnesium	8510		ug/L		YES		i		<u> </u>	: 	<u>:</u> 	: 	<u>:</u>	: 			 		<u>:</u>		 
Manganese	310		ug/L		YES		i			: 		<u> </u>					- <del>-</del>		 		 
Nickel	40		ug/L	U	YES		İ				i	İ	İ	i	i i		İ		İ	İ	1
Potassium	1660		ug/L	В	YES	J	İ				i	İ	İ	J	i i		İ		İ	İ	12
Selenium	5		ug/L	U	YES		i		: 	: 	<u>:</u> 	: 	: 	: 			- <del></del>		<u>-</u>	i	 
Silver	10		ug/L	U	YES		i		: 	: 	<u>:</u> 	: 	: 	: 			- <del></del>		<u>-</u>	i	 
Sodium	17700		ug/L		YES		<u>.</u>		<u></u>	: 	<u>:</u>		: 	; 			- <del>-</del>		<u>-</u>	<u> </u>	 
Vanadium	2.4		ug/L	В	YES	J	<u>:</u>		` 	: 		 		J			- <u>-</u>		 	. <del></del>	12
Zinc	102		ug/L		YES		<u>:</u>		` 	: 		 					- <u>-</u>		 	. <del></del>	 
Analysis Method : 6020	:				Dil	ution: 2	2.00		`	i								`			
Beryllium	2		ug/L	U	YES		1				ĺ		ĺ	ĺ							 
Thallium	1		ug/L	U	YES		<u> </u>										- <u>-</u>		 		 
Analysis Method : 7470A					Dil	ution: 1	.00		`												
Mercury	0.2		ug/L	U	YES		I														 
Analysis Method : 8081A					Dil	ution: 1	.00														
4,4'-DDD	0.022		ug/L	U	YES		I														 
4,4'-DDE	0.022		ug/L	U	YES																 
4,4'-DDT	0.022		ug/L	U	YES																 
Aldrin	0.022		ug/L	U	YES																 
alpha-BHC	0.022		ug/L	U	YES		i		· 	: 	<u>-</u> 		: 	: 		: · 	- <del></del>	' 	<u>-</u> 		 I

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: For

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Tem	р НТ	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A					Dil	ution: 1.00					-									
alpha-Chlordane	0.022	 	ug/L	U	YES											1				
beta-BHC	0.022	1 ! !	ug/L	U	YES															i
delta-BHC	0.022		ug/L	U	YES	[														
Dieldrin	0.022		ug/L	U	YES	[														
Endosulfan I	0.022	T	ug/L	U	YES															
Endosulfan II	0.022	;	ug/L	U	YES	[														,
Endosulfan sulfate	0.022	;	ug/L	U	YES	[														,
Endrin	0.022	;	ug/L	U	YES	[														,
Endrin aldehyde	0.022	;	ug/L	U	YES	[														,
Endrin ketone	0.054		ug/L	U	YES															
gamma-BHC	0.022	;	ug/L	U	YES	[														
gamma-Chlordane	0.022	1	ug/L	U	YES															i
Heptachlor	0.022	1 ! !	ug/L	U	YES															i
Heptachlor epoxide	0.022		ug/L	U	YES	[														
Methoxychlor	0.054	T	ug/L	U	YES															
Toxaphene	0.27	 	ug/L	U	YES															
Analysis Method : 8082					Dil	ution: 1.00														
Aroclor 1016	0.54	! !	ug/L	U	YES			1						1		1				
Aroclor 1221	0.54		ug/L	U	YES	[														
Aroclor 1232	0.54		ug/L	U	YES	[														
Aroclor 1242	0.54	; ;	ug/L	U	YES								 							
Aroclor 1248	0.54	T	ug/L	U	YES	[							 							
Aroclor 1254	0.54	!	ug/L	U	YES															i
Aroclor 1260	0.54	!	ug/L	U	YES															i
Aroclor 1262	0.54	T	ug/L	U	YES															
Aroclor 1268	0.54	T	ug/L	U	YES															
Analysis Method : 8151A					Dil	ution: 1.00														
2,4,5-T	0.22	!	ug/L	U	YES					1		1								
2,4,5-TP (Silvex)	0.17	; ; !	ug/L	U	YES	[			]	]								]		

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual		Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00														
2,4-D	0.56		ug/L	U	YES															
Pentachlorophenol	0.17		ug/L	U	YES															
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES	[														
1,1,2-Trichloroethane	1		ug/L	U	YES	[														
1,1-Dichloroethane	1		ug/L	U	YES	[														
1,1-Dichloroethene	1		ug/L	U	YES	[														
1,2,3-Trichlorobenzene	5		ug/L	U	YES	[														
1,2,4-Trichlorobenzene	5		ug/L	U	YES	[														
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES	[														
1,2-Dibromoethane	2		ug/L	U	YES															
1,2-Dichlorobenzene	1		ug/L	U	YES															
1,2-Dichloroethane	1		ug/L	U	YES	[														
1,2-Dichloropropane	1		ug/L	U	YES	[														
1,3-Dichlorobenzene	1		ug/L	U	YES	[														
1,4-Dichlorobenzene	1		ug/L	U	YES	[														
2-Butanone	10		ug/L	U	YES															
2-Hexanone	5		ug/L	U	YES															
4-METHYL-2-PENTANONE	5		ug/L	U	YES															
Acetone	10		ug/L	U	YES															
Benzene	1		ug/L	U	YES															
Bromochloromethane	5		ug/L	U	YES															
Bromodichloromethane	1		ug/L	U	YES															
Bromoform	4		ug/L	U	YES	[														
Bromomethane	2		ug/L	U	YES	[														
Carbon disulfide	2		ug/L	U	YES	[														
Carbon tetrachloride	1		ug/L	U	YES	[								[						
Chlorobenzene	1		ug/L	U	YES	[														,

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1	1.00														
Chloroethane	1	1	ug/L	U	YES	1 1 1 1						1									
Chloroform	1	1	ug/L	U	YES	1 1 1 1						I								1	
Chloromethane	1	- <del> </del>	ug/L	U	YES																
cis-1,2-Dichloroethene	1	- <del> </del>	ug/L	U	YES																
cis-1,3-Dichloropropene	1	- <del>,</del>	ug/L	U	YES							[									
Cyclohexane	5		ug/L	U	YES	,						[									
Dibromochloromethane	1	- <del> </del>	ug/L	U	YES	,						[									
Dichlorodifluoromethane	5		ug/L	U	YES	,						[									
Ethylbenzene	1	- <del> </del>	ug/L	U	YES	,						[									
Freon 113	5		ug/L	U	YES	,						[									
Isopropylbenzene	2		ug/L	U	YES	,						[									
M,P-XYLENE	1	1	ug/L	U	YES	1 1 1 1						I								1	
Methyl Acetate	5	1	ug/L	U	YES	1 1 1 1						I								1	
Methyl tert-butyl ether	71.1	- <del>,</del>	ug/L		YES							[									
Methylcyclohexane	5	- <del> </del>	ug/L	U	YES							[									
Methylene chloride	2	- T	ug/L	U	YES							[									
o-Xylene	1		ug/L	U	YES																
Styrene	5	. i	ug/L	U	YES	     															
Tetrachloroethene	1		ug/L	U	YES	     															
Toluene	1		ug/L	U	YES	     															
Total Xylenes	1		ug/L	U	YES	     															
trans-1,2-Dichloroethene	1	- <del> </del>	ug/L	U	YES																
trans-1,3-Dichloropropene	1	1	ug/L	U	YES	1 1 1 1						1									
Trichloroethene	1		ug/L	U	YES	! ! !						1								1 1	
Trichlorofluoromethane	5	 	ug/L	U	YES	 ! !															
Vinyl chloride	1	     	ug/L	U	YES	 ! !															
Analysis Method : 8270C					Dil	ution: 1	1.00														
1,2,4,5-Tetrachlorobenzene	5.2		ug/L	U	YES	,   															
1,4-Dioxane	2.1		ug/L	U	YES	 i !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Report Date: 9/29/2004 08:46

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Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	ا Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C				-,		ution: 1.00									 				
2,3,4,6-Tetrachlorophenol	5.2		ug/L	U	YES	1 1 1 1													
2,4,5-Trichlorophenol	5.2		ug/L	U	YES			Ì		ĺ	j i			İ			Ĭ		
2,4,6-Trichlorophenol	5.2		ug/L	U	YES										 				
2,4-Dichlorophenol	5.2		ug/L	U	YES										 				
2,4-Dimethylphenol	5.2		ug/L	U	YES										 				
2,4-Dinitrophenol	21		ug/L	U	YES	[									 				
2,4-Dinitrotoluene	2.1		ug/L	U	YES	[									 				
2,6-Dinitrotoluene	2.1		ug/L	U	YES	[									 				
2-Chloronaphthalene	5.2		ug/L	U	YES					 					 				
2-Chlorophenol	5.2		ug/L	U	YES					 					 				
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES					 					 				
2-Methylnaphthalene	2.1		ug/L	U	YES			İ	İ	ĺ	j i		ĺ	İ			İ	İ	
2-Methylphenol	5.2		ug/L	U	YES			İ	İ	ĺ	j i		ĺ	İ			İ	İ	
2-Nitroaniline	5.2		ug/L	U	YES										 				
2-Nitrophenol	5.2		ug/L	U	YES										 				
3&4-Methylphenol	5.2		ug/L	U	YES										 				
3,3'-Dichlorobenzidine	5.2		ug/L	U	YES	[							 		 				
3-Nitroaniline	5.2		ug/L	U	YES										 				
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES					 					 				
4-Chloro-3-methylphenol	5.2		ug/L	U	YES					 					 				
4-Chloroaniline	5.2		ug/L	U	YES					 					 				
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES										 				
4-Nitroaniline	5.2		ug/L	U	YES														
4-Nitrophenol	21		ug/L	U	YES														
Acenaphthene	2.1		ug/L	U	YES										 				
Acenaphthylene	2.1		ug/L	U	YES										 				
Acetophenone	5.2		ug/L	U	YES										 				
Anthracene	2.1		ug/L	U	YES	[									 				
Atrazine	5.2		ug/L	U	YES	[				 					 			 	

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.00													
Benzaldehyde	5.2		ug/L	U	YES														
Benzo(a)anthracene	2.1		ug/L	U	YES				I										
Benzo(a)pyrene	2.1		ug/L	U	YES	[									 				
Benzo(b)fluoranthene	2.1		ug/L	U	YES	[									 				
Benzo(g,h,i)perylene	2.1		ug/L	U	YES	[									 				
Benzo(k)fluoranthene	2.1		ug/L	U	YES	[									 				
BIPHENYL	2.1		ug/L	U	YES	[									 				
bis(2-Chloroethoxy)methane	2.1		ug/L	U	YES	[									 				
Bis(2-chloroethyl) ether	2.1		ug/L	U	YES	[									 				
Bis(2-chloroisopropyl) ether	2.1		ug/L	U	YES	[									 				
Bis(2-ethylhexyl) phthalate	2.1		ug/L	U	YES	[									 				
Butylbenzyl phthalate	2.1		ug/L	U	YES				1										
Caprolactam	2.1		ug/L	U	YES				1										
Carbazole	2.1		ug/L	U	YES	[									 				
Chrysene	2.1		ug/L	U	YES	[									 				
Dibenz(a,h)anthracene	2.1		ug/L	U	YES	[									 				
Dibenzofuran	5.2		ug/L	U	YES	[									 				
Diethyl phthalate	2.1		ug/L	U	YES	[									 				
Dimethyl phthalate	2.1		ug/L	U	YES	[									 				
Di-n-butyl phthalate	2.1		ug/L	U	YES	[									 				
Di-n-octyl phthalate	2.1		ug/L	U	YES	[									 				
Fluoranthene	2.1		ug/L	U	YES	[									 				
Fluorene	2.1		ug/L	U	YES														
Hexachlorobenzene	2.1		ug/L	U	YES														
Hexachlorobutadiene	2.1		ug/L	U	YES	[									 				
Hexachlorocyclopentadiene	21		ug/L	U	YES	[									 				
Hexachloroethane	5.2		ug/L	U	YES	[									 				
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES	[									 				
Isophorone	2.1		ug/L	U	YES				 				 		 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-10

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.	.00														
Naphthalene	2.1	I I I	ug/L	U	YES	[															
Nitrobenzene	2.1		ug/L	U	YES	[				I							1				
N-Nitroso-di-n-propylamine	2.1	T	ug/L	U	YES	[											[				
N-Nitrosodiphenylamine	5.2	T	ug/L	U	YES	[															
Phenanthrene	2.1	T	ug/L	U	YES	[	<del>-</del>							 					 		·
Phenol	5.2		ug/L	U	YES	[								 					 		·
Pyrene	2.1		ug/L	U	YES	[				 											
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.01		mg/l	U	YES	<u> </u>									1						

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-10F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reaso Code:	
Analysis Method : 6010B					Dil	lution: 1	1.00															
Aluminum	200	)	ug/L	U	YES	1																

Project Number and Name: E

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-4710-MORIAHRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-10F

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	1.00													
Antimony	5		ug/L	U	YES															
Arsenic	5		ug/L	U	YES														[	
Barium	9.3		ug/L	В	YES	J						[		J	Ī					12
Cadmium	4		ug/L	U	YES										Ī					
Calcium	59900		ug/L		YES							[			Ī					
Chromium	10		ug/L	U	YES							[			Ī					
Cobalt	50		ug/L	U	YES							[			Ī					
Copper	5.5		ug/L	В	YES	UJ			U			[		J	Ī					12,6
Iron	100		ug/L	U	YES							[			Ī					
Lead	3		ug/L	U	YES							[			Ī					
Magnesium	7750		ug/L		YES							[			Ī					
Manganese	11.5		ug/L	В	YES	J								J	1				1 1	12
Nickel	40		ug/L	U	YES															
Potassium	1610		ug/L	В	YES	J						[		J	Ī					12
Selenium	5		ug/L	U	YES										 					
Silver	10		ug/L	U	YES							[			Ī					
Sodium	17900		ug/L		YES										Ī I					
Vanadium	50		ug/L	U	YES															
Zinc	61.9		ug/L		YES															
Analysis Method : 6020					Dil	ution: 2	2.00									 				
Beryllium	2		ug/L	U	YES										l					
Thallium	1		ug/L	U	YES										Ī					
Analysis Method : 7470A					Dil	ution: 1	1.00													
Mercury	0.2		ug/L	U	YES				1						1				1	

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE

Sample Matrix : AQ

**Lab Sample ID:** N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	.00														
Aluminum	354	1	ug/L		YES																
Antimony	5	5	ug/L	U	YES																

Project Number and Name: ENSRMAA25961 -

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res		l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B	Nesuit	LIIOI	Onits	wual		ution:			1410	LOG	WIG	Бар	Juil	Limit	1000013	w.c	Tune	10	104	001	
Arsenic	5	1	ug/L	U	YES			1						1	1		1		1	1	
Barium	52.4	! !	ug/L	В	YES	J	 	 	 	! 		! 	 	J	i I			 	1	i I	12
Cadmium	4	1 7 1 1	ug/L	U	YES		! 	! 	<u> </u>	! 		<u> </u>	. <u>.</u>	! 	. <u> </u>	!	- <del> </del>	<u> </u>	! 	. <u>.</u>	
Calcium	15600	1 7	ug/L	 	YES	1   	i 	<u>-</u>	<u>'</u> 	! 		<u>'</u> 	. <u>.</u> 	! 	. <u>.</u>	! · 	- <u>'</u>	<u>'</u> 	 	. <u>.</u>	
Chromium	10	1 7	ug/L	U	YES	1   	i 	<u>-</u>	<u>'</u> 	! 		<u>'</u> 	. <u>.</u> 	! 	. <u>.</u>	! · 	- <u>'</u>	<u>'</u> 	 	. <u>.</u>	
Cobalt	50	1 7	ug/L	U	YES	! 	i 	<u>-</u>	<u>'</u> 	! 		<u>'</u> 	. <u>.</u> 	! 	. <u>.</u>	! · 	- <u>'</u>	<u>'</u> 	 	. <u>.</u>	
Copper	25.6	1 7 1	ug/L	 	YES	     	¦	<u>-</u> 	\. 	! 		' 	<u> </u> 	! 	: <u>-</u>	! · · ·	- <u>-</u>	<u>'</u> 	<u>'</u>	· <del> </del>	
Iron	3210	1 7 1	ug/L	 	YES	     	¦	<u>-</u> 	\. 	! 		' 	<u> </u> 	! 	: <u>-</u>	! · · ·	- <u>-</u>	<u>'</u> 	<u>'</u>	· <del> </del>	
Lead	3	<u> </u>	ug/L	U	YES	1  1 1	<u></u>	<u>-</u>	<u>'</u> 	: 		<u>'</u>	. <u>.</u> 	: 	: 	! · · · · · · · · · · · · ·	- <u>-</u>	' 	<u>-</u> '	. <u>.</u>	
Magnesium	4570	1 7 1	ug/L	В	YES	J	¦	<u>-</u> 	\. 	! 		' 	<u> </u> 	J	: <u>-</u>	! · · ·	- <u>-</u>	<u>'</u> 	<u>'</u>	· <del> </del>	12
Manganese	222		ug/L	<del> </del> 	YES	   	i	: 	<u> </u>	: 		<u> </u>	<u> </u>	: 	: 		- <u>-</u>	<u></u>	<u>-</u>	: <u>-</u>	
Nickel	3.5	! !	ug/L	В	YES	J	İ	l 	l 	<u> </u>		!		J	İ		İ	!		i	12
Potassium	1800	1 1 1	ug/L	В	YES	J		1	1					J	i		İ			i	12
Selenium	5	 	ug/L	U	YES	   	i	 	\ 	! 		<u> </u>		! 	. <u>-</u>		- <u>'</u> 	<u></u>	/ 	. <u>.</u> 	
Silver	10	!	ug/L	U	YES	¦	İ	<u>-</u>	. <u>'</u>	:   		<u> </u>	·	! 	<u> </u>		- <u>-</u>	' 		: 	
Sodium	16800	!	ug/L		YES	 !		: 	. <u>'</u>	: 		<u> </u>	: 	! 	<u> </u>		- <u>-</u>	<u></u>	 	: 	
Vanadium	50	: :	ug/L	U	YES	: :	İ	<u>:</u> 	<u>:</u> 	: 		<u></u>	<u> </u>	: 	i 		- i	' 	: 	. <u>.</u>	
Zinc	156	:   	ug/L	; ; ; ;	YES	: :		: 	<u>:</u>	: 		<u></u> 	<u>-</u>	: 	i		- <del>-</del>	: 	: 	i	
Analysis Method : 6020					Dil	ution: 2	2.00					'						'			
Beryllium	2		ug/L	U	YES	i !									1					1	
Thallium	1	:   	ug/L	U	YES	: :		: 	<u>:</u>	: 		<u></u> 	<u>-</u>	: 	i		- <del>-</del>	: 	: 	i	
Analysis Method : 7470A					Dil	ution:	1.00					`		/		:		`			
Mercury	0.2	1	ug/L	U	YES	! !									1						
Analysis Method : 8081A		•			Dil	ution:	1.00					'		•						•	
4,4'-DDD	0.022	!	ug/L	U	YES	! !									1						
4,4'-DDE	0.022	÷	ug/L	U	YES	; ; ;		: 	<u>.</u>			: 		: 	i						
4,4'-DDT	0.022	÷	ug/L	U	YES	; ; ;		: 	<u>.</u>			: 		: 	i						
Aldrin	0.022	÷	ug/L	U	YES	; ; ;		: 	<u> </u>	: 		` 		: 				` 			
alpha-BHC	0.022	} !	ug/L	U	YES	} !	1	: 	 	:		: 		: 	i	: · 	- <del></del>	· 			

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

Report Date: 9/29/2004 08:46

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Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Ten	пр НТ	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A					Dil	ution: 1.00					-									
alpha-Chlordane	0.022	 	ug/L	U	YES	[	1									1				
beta-BHC	0.022	1 1 1 1	ug/L	U	YES	[		1												i
delta-BHC	0.022	T	ug/L	U	YES	:														
Dieldrin	0.022	T	ug/L	U	YES	:														
Endosulfan I	0.022	T	ug/L	U	YES	[														
Endosulfan II	0.022	T	ug/L	U	YES	[														,
Endosulfan sulfate	0.022	T	ug/L	U	YES	[														,
Endrin	0.022	T	ug/L	U	YES	[														,
Endrin aldehyde	0.022	T	ug/L	U	YES	[														,
Endrin ketone	0.056	T	ug/L	U	YES	[														,
gamma-BHC	0.022	T	ug/L	U	YES	:														
gamma-Chlordane	0.022	1 1 1 1	ug/L	U	YES	[		1												i
Heptachlor	0.022	1 1 1 1	ug/L	U	YES	[		1												i
Heptachlor epoxide	0.022	T	ug/L	U	YES	:														
Methoxychlor	0.056	T	ug/L	U	YES	:														
Toxaphene	0.28	T	ug/L	U	YES	:														
Analysis Method : 8082					Dil	ution: 1.00														
Aroclor 1016	0.56	1 1 1	ug/L	U	YES	i	1	1								1				
Aroclor 1221	0.56	; ; ;	ug/L	U	YES	[														
Aroclor 1232	0.56	; ; ;	ug/L	U	YES	[														
Aroclor 1242	0.56	; ; ;	ug/L	U	YES	[														
Aroclor 1248	0.56	T	ug/L	U	YES	[														
Aroclor 1254	0.56	! ! !	ug/L	U	YES			1												i
Aroclor 1260	0.56	! ! !	ug/L	U	YES			1												i
Aroclor 1262	0.56	T	ug/L	U	YES	:								 						
Aroclor 1268	0.56	T	ug/L	U	YES	:								 						
Analysis Method : 8151A					Dil	ution: 1.00														
2,4,5-T	0.22	! ! !	ug/L	U	YES	<u> </u>														
2,4,5-TP (Silvex)	0.17	; ; ;	ug/L	U	YES	[														

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	U Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00														
2,4-D	0.56		ug/L	U	YES															
Pentachlorophenol	0.17		ug/L	U	YES															
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES															
1,1,2-Trichloroethane	1		ug/L	U	YES															
1,1-Dichloroethane	1		ug/L	U	YES															
1,1-Dichloroethene	1		ug/L	U	YES															
1,2,3-Trichlorobenzene	5		ug/L	U	YES															
1,2,4-Trichlorobenzene	5		ug/L	U	YES															
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES															
1,2-Dibromoethane	2		ug/L	U	YES															
1,2-Dichlorobenzene	1		ug/L	U	YES															
1,2-Dichloroethane	1		ug/L	U	YES															
1,2-Dichloropropane	1		ug/L	U	YES															
1,3-Dichlorobenzene	1		ug/L	U	YES															
1,4-Dichlorobenzene	1		ug/L	U	YES															
2-Butanone	10		ug/L	U	YES															
2-Hexanone	5		ug/L	U	YES															
4-METHYL-2-PENTANONE	5		ug/L	U	YES															
Acetone	10		ug/L	U	YES															
Benzene	1		ug/L	U	YES															
Bromochloromethane	5		ug/L	U	YES															
Bromodichloromethane	1		ug/L	U	YES															
Bromoform	4		ug/L	U	YES															
Bromomethane	2		ug/L	U	YES															
Carbon disulfide	2		ug/L	U	YES															
Carbon tetrachloride	1		ug/L	U	YES					 										
Chlorobenzene	1		ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1.0	00													
Chloroethane	1	1 	ug/L	U	YES															
Chloroform	1	! ! !	ug/L	U	YES															,
Chloromethane	1	7	ug/L	U	YES	[														
cis-1,2-Dichloroethene	1	T	ug/L	U	YES	[														
cis-1,3-Dichloropropene	1	7	ug/L	U	YES	[														
Cyclohexane	5	<del>,</del>	ug/L	U	YES	[														
Dibromochloromethane	1	<del>,</del>	ug/L	U	YES	[														
Dichlorodifluoromethane	5	<del>,</del>	ug/L	U	YES	[														
Ethylbenzene	1	<del>,</del>	ug/L	U	YES	[														
Freon 113	5	<del>,</del>	ug/L	U	YES	[														
Isopropylbenzene	2	<del>,</del>	ug/L	U	YES	[														
M,P-XYLENE	1	! ! !	ug/L	U	YES															,
Methyl Acetate	5	! ! !	ug/L	U	YES															,
Methyl tert-butyl ether	1	7	ug/L	U	YES	[														
Methylcyclohexane	5	7	ug/L	U	YES	[														
Methylene chloride	2	7	ug/L	U	YES	[														
o-Xylene	1		ug/L	U	YES	[														
Styrene	5		ug/L	U	YES	[														
Tetrachloroethene	1	i i	ug/L	U	YES	[														
Toluene	1	i i	ug/L	U	YES	[														
Total Xylenes	1	i i	ug/L	U	YES	[														
trans-1,2-Dichloroethene	1	 	ug/L	U	YES															
trans-1,3-Dichloropropene	1	i I I	ug/L	U	YES	[														
Trichloroethene	1	 	ug/L	U	YES															
Trichlorofluoromethane	5	T	ug/L	U	YES	[														
Vinyl chloride	1	T	ug/L	U	YES	[														
Analysis Method : 8270C					Dil	ution: 1.0	00									 				
1,2,4,5-Tetrachlorobenzene	5.3		ug/L	U	YES	i T	Ī					1 -			1 -					
1,4-Dioxane	2.1	,	ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	U Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C			·			ution: 1.00					•								
2,3,4,6-Tetrachlorophenol	5.3		ug/L	U	YES														
2,4,5-Trichlorophenol	5.3		ug/L	U	YES														
2,4,6-Trichlorophenol	5.3		ug/L	U	YES	[													
2,4-Dichlorophenol	5.3		ug/L	U	YES	[													
2,4-Dimethylphenol	5.3		ug/L	U	YES	[													
2,4-Dinitrophenol	21		ug/L	U	YES	[													
2,4-Dinitrotoluene	2.1		ug/L	U	YES	[													
2,6-Dinitrotoluene	2.1		ug/L	U	YES	[													
2-Chloronaphthalene	5.3		ug/L	U	YES	[													
2-Chlorophenol	5.3		ug/L	U	YES	[													
2-Methyl-4,6-dinitrophenol	21		ug/L	U	YES	[													
2-Methylnaphthalene	2.1		ug/L	U	YES														
2-Methylphenol	5.3		ug/L	U	YES														
2-Nitroaniline	5.3		ug/L	U	YES										 				
2-Nitrophenol	5.3		ug/L	U	YES										 				
3&4-Methylphenol	5.3		ug/L	U	YES										 				
3,3'-Dichlorobenzidine	5.3		ug/L	U	YES	[				 					 				
3-Nitroaniline	5.3		ug/L	U	YES	[				 					 				
4-Bromophenyl phenyl ether	2.1		ug/L	U	YES	[									 				
4-Chloro-3-methylphenol	5.3		ug/L	U	YES	[									 				
4-Chloroaniline	5.3		ug/L	U	YES	[									 				
4-Chlorophenyl phenyl ether	2.1		ug/L	U	YES	[													
4-Nitroaniline	5.3		ug/L	U	YES														
4-Nitrophenol	21		ug/L	U	YES														
Acenaphthene	2.1		ug/L	U	YES	[													
Acenaphthylene	2.1		ug/L	U	YES	[													
Acetophenone	5.3		ug/L	U	YES	[								Ī	 				
Anthracene	2.1		ug/L	U	YES	[									 				
Atrazine	5.3		ug/L	U	YES										 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	.00					-									
Benzaldehyde	5.3	1 1 1	ug/L	U	YES																
Benzo(a)anthracene	2.1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L	U	YES		I														
Benzo(a)pyrene	2.1	·	ug/L	U	YES																
Benzo(b)fluoranthene	2.1	·	ug/L	U	YES																
Benzo(g,h,i)perylene	2.1	·	ug/L	U	YES																
Benzo(k)fluoranthene	2.1	·	ug/L	U	YES																
BIPHENYL	2.1	·	ug/L	U	YES		 [														
bis(2-Chloroethoxy)methane	2.1	·	ug/L	U	YES		 [														
Bis(2-chloroethyl) ether	2.1	·	ug/L	U	YES		 [														
Bis(2-chloroisopropyl) ether	2.1	·	ug/L	U	YES		 [														
Bis(2-ethylhexyl) phthalate	7.9	·	ug/L		YES		 														
Butylbenzyl phthalate	2.1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L	U	YES		I														
Caprolactam	2.1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L	U	YES		I														
Carbazole	2.1	     	ug/L	U	YES																
Chrysene	2.1	     	ug/L	U	YES																
Dibenz(a,h)anthracene	2.1	     	ug/L	U	YES																
Dibenzofuran	5.3	     	ug/L	U	YES																
Diethyl phthalate	2.1	     	ug/L	U	YES																
Dimethyl phthalate	2.1	     	ug/L	U	YES																
Di-n-butyl phthalate	2.1	     	ug/L	U	YES																
Di-n-octyl phthalate	2.1	     	ug/L	U	YES																
Fluoranthene	2.1	·	ug/L	U	YES																
Fluorene	2.1	1 1 1	ug/L	U	YES		[														
Hexachlorobenzene	2.1	1 1 1	ug/L	U	YES		1														
Hexachlorobutadiene	2.1	·	ug/L	U	YES																
Hexachlorocyclopentadiene	21	·	ug/L	U	YES																
Hexachloroethane	5.3	·	ug/L	U	YES																
Indeno(1,2,3-cd)pyrene	2.1		ug/L	U	YES																
Isophorone	2.1		ug/L	U	YES							 									

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-12

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	.00														
Naphthalene	2.1		ug/L	U	YES	1 1 1															
Nitrobenzene	2.1		ug/L	U	YES	1 1 1 1				I											
N-Nitroso-di-n-propylamine	2.1		ug/L	U	YES																
N-Nitrosodiphenylamine	5.3	8	ug/L	U	YES																
Phenanthrene	2.1		ug/L	U	YES																
Phenol	5.3	8	ug/L	U	YES	 ! !													 		` 
Pyrene	2.1		ug/L	U	YES	 ! !				 									 		
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.01		mg/l	U	YES	! !															

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

**Lab Sample ID:** N74914-12F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reaso Code:	
Analysis Method : 6010B					Dil	lution: 1	1.00															
Aluminum	200	)	ug/L	U	YES	1																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-5057-CLAYTONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

**Lab Sample ID:** N74914-12F

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	l Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution:	1.00													
Antimony	5	 	ug/L	U	YES															
Arsenic	5	 	ug/L	U	YES															
Barium	50.8	7	ug/L	В	YES	J								J						12
Cadmium	4	7	ug/L	U	YES															
Calcium	15400	7	ug/L		YES															
Chromium	10	<del>,</del>	ug/L	U	YES															
Cobalt	50	<del>,</del>	ug/L	U	YES															
Copper	20.2	<del>,</del>	ug/L	В	YES	J								J						12
Iron	403	<del>,</del>	ug/L		YES															
Lead	3	<del>,</del>	ug/L	U	YES															
Magnesium	4470	<del>,</del>	ug/L	В	YES	J								J						12
Manganese	216	! ! !	ug/L		YES															
Nickel	3.1	! ! !	ug/L	В	YES	J								J						12
Potassium	1850	7	ug/L	В	YES	J								J						12
Selenium	5	7	ug/L	U	YES															
Silver	10	7	ug/L	U	YES															
Sodium	16900	<del>,</del>	ug/L		YES															
Vanadium	50	<del>,</del>	ug/L	U	YES															
Zinc	147	<del>,</del>	ug/L		YES															
Analysis Method : 6020					Dil	ution: 2	2.00									 				
Beryllium	2		ug/L	U	YES															
Thallium	1	7	ug/L	U	YES															
Analysis Method : 7470A					Dil	ution: 1	1.00													
Mercury	0.2		ug/L	U	YES							1	1							

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reaso Code:	
Analysis Method : 6010B					Dil	lution: 1	1.00															
Aluminum	200	)	ug/L	U	YES	1																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

**Analysis Type: RES** 

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* T	emp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1.0	0													
Antimony	5	1	ug/L	U	YES															
Arsenic	5	! ! !	ug/L	U	YES															
Barium	260	T	ug/L		YES															    
Cadmium	4	T	ug/L	U	YES															    
Calcium	40800	T	ug/L		YES															    
Chromium	10	; ;	ug/L	U	YES															 
Cobalt	50	; ;	ug/L	U	YES															 
Copper	6.5	; ;	ug/L	В	YES	J								J						12
Iron	100	; ;	ug/L	U	YES															 
Lead	3	; ;	ug/L	U	YES															 
Magnesium	5610	; ;	ug/L		YES															    
Manganese	108		ug/L		YES															
Nickel	40		ug/L	U	YES															 
Potassium	1070	T	ug/L	В	YES	J								J						12
Selenium	5	T	ug/L	U	YES															    
Silver	10	T	ug/L	U	YES															    
Sodium	17800	 	ug/L		YES															 
Vanadium	50		ug/L	U	YES															 
Zinc	8.8		ug/L	В	YES	J								J						12
Analysis Method : 6020					Dil	ution: 2.0	0													
Beryllium	2	i !	ug/L	U	YES														<u> </u>	
Thallium	1	1	ug/L	U	YES															
Analysis Method : 7470A					Dil	ution: 1.0	0													
Mercury	0.2	, , ,	ug/L	U	YES														<u> </u>	
Analysis Method: 8081A					Dil	ution: 1.0	0													
4,4'-DDD	0.022	! ! !	ug/L	U	YES							_[			<u> </u>			]	<u> </u>	 
4,4'-DDE	0.022		ug/L	U	YES														[ ]	 
4,4'-DDT	0.022		ug/L	U	YES															 
Aldrin	0.022		ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Tem	э НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8081A					Dil	ution: 1.00														
alpha-BHC	0.022		ug/L	U	YES															
alpha-Chlordane	0.022		ug/L	U	YES															
beta-BHC	0.022		ug/L	U	YES				]											
delta-BHC	0.022		ug/L	U	YES				]											
Dieldrin	0.022		ug/L	U	YES				]											
Endosulfan I	0.022		ug/L	U	YES															
Endosulfan II	0.022		ug/L	U	YES															
Endosulfan sulfate	0.022		ug/L	U	YES															
Endrin	0.022		ug/L	U	YES															
Endrin aldehyde	0.022		ug/L	U	YES	[														
Endrin ketone	0.056		ug/L	U	YES															
gamma-BHC	0.022		ug/L	U	YES		1		1					1						
gamma-Chlordane	0.022		ug/L	U	YES		1		1					1						
Heptachlor	0.022		ug/L	U	YES															
Heptachlor epoxide	0.022		ug/L	U	YES															
Methoxychlor	0.056		ug/L	U	YES															
Toxaphene	0.28		ug/L	U	YES															
Analysis Method : 8082					Dil	ution: 1.00														
Aroclor 1016	0.56		ug/L	U	YES				[											
Aroclor 1221	0.56		ug/L	U	YES				]											
Aroclor 1232	0.56		ug/L	U	YES				]											
Aroclor 1242	0.56		ug/L	U	YES				]											
Aroclor 1248	0.56		ug/L	U	YES															
Aroclor 1254	0.56		ug/L	U	YES									1 1						
Aroclor 1260	0.56		ug/L	U	YES															
Aroclor 1262	0.56		ug/L	U	YES															
Aroclor 1268	0.56		ug/L	U	YES	[														
Analysis Method : 8151A					Dil	ution: 1.00														
2,4,5-T	0.21		ug/L	U	YES		Ì	1	1											

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fe

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual* Tem	ь нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00													
2,4,5-TP (Silvex)	0.16		ug/L	U	YES										1				
2,4-D	0.53		ug/L	U	YES														1
Pentachlorophenol	0.16		ug/L	U	YES										 				 
Analysis Method : 8260B					Dil	ution: 1.00									 				
1,1,1-Trichloroethane	1		ug/L	U	YES										1				I
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES										 				 I
1,1,2-Trichloroethane	1		ug/L	U	YES										 				 I
1,1-Dichloroethane	1		ug/L	U	YES										 				 I
1,1-Dichloroethene	1		ug/L	U	YES										 				 I
1,2,3-Trichlorobenzene	5		ug/L	U	YES										 				 I
1,2,4-Trichlorobenzene	5		ug/L	U	YES										 				 
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES														1
1,2-Dibromoethane	2		ug/L	U	YES														1
1,2-Dichlorobenzene	1		ug/L	U	YES										 				 
1,2-Dichloroethane	1		ug/L	U	YES										 				 
1,2-Dichloropropane	1		ug/L	U	YES										 				 
1,3-Dichlorobenzene	1		ug/L	U	YES										 				 
1,4-Dichlorobenzene	1		ug/L	U	YES										 				 
2-Butanone	10		ug/L	U	YES														 
2-Hexanone	5		ug/L	U	YES														 
4-METHYL-2-PENTANONE	5		ug/L	U	YES														 
Acetone	10		ug/L	U	YES														 
Benzene	1		ug/L	U	YES														l
Bromochloromethane	5		ug/L	U	YES														1
Bromodichloromethane	1		ug/L	U	YES														 I
Bromoform	4		ug/L	U	YES														 I
Bromomethane	2		ug/L	U	YES														 I
Carbon disulfide	2		ug/L	U	YES										 				 I
Carbon tetrachloride	1		ug/L	U	YES										 				 I

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	о НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B				-,		ution: 1.00									 				
Chlorobenzene	1		ug/L	U	YES														
Chloroethane	1		ug/L	U	YES	ĺ	ĺ	ĺ		ĺ	ĺ		ĺ	İ			ĺ	İ	
Chloroform	1		ug/L	U	YES	[						 			 				
Chloromethane	1		ug/L	U	YES	[									 				
cis-1,2-Dichloroethene	1		ug/L	U	YES	[									 				
cis-1,3-Dichloropropene	1		ug/L	U	YES	[									 				
Cyclohexane	5		ug/L	U	YES	[									 				
Dibromochloromethane	1		ug/L	U	YES	[									 				
Dichlorodifluoromethane	5		ug/L	U	YES	[									 				
Ethylbenzene	1		ug/L	U	YES	[									 				
Freon 113	5		ug/L	U	YES	[									 				
Isopropylbenzene	2		ug/L	U	YES	[													
M,P-XYLENE	1		ug/L	U	YES														
Methyl Acetate	5		ug/L	U	YES	[									 				
Methyl tert-butyl ether	1		ug/L	U	YES	[									 				
Methylcyclohexane	5		ug/L	U	YES	[													
Methylene chloride	2		ug/L	U	YES	[									 				
o-Xylene	1		ug/L	U	YES	[									 				
Styrene	5		ug/L	U	YES	[													
Tetrachloroethene	1		ug/L	U	YES	[													
Toluene	1		ug/L	U	YES	[													
Total Xylenes	1		ug/L	U	YES	[													
trans-1,2-Dichloroethene	1		ug/L	U	YES														
trans-1,3-Dichloropropene	1		ug/L	U	YES														
Trichloroethene	1		ug/L	U	YES	[													
Trichlorofluoromethane	5		ug/L	U	YES		Ī								 				
Vinyl chloride	1		ug/L	U	YES	[													
Analysis Method : 8270C					Di	ution: 1.00									 				
1,2,4,5-Tetrachlorobenzene	5.5		ug/L	U	YES	<u> </u>		1			1								

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Former

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Ter	np HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	lution: 1.00													
1,4-Dioxane	2.2		ug/L	U	YES														•
2,3,4,6-Tetrachlorophenol	5.5		ug/L	U	YES														•
2,4,5-Trichlorophenol	5.5		ug/L	U	YES										 				'
2,4,6-Trichlorophenol	5.5		ug/L	U	YES										 				'
2,4-Dichlorophenol	5.5		ug/L	U	YES										 				
2,4-Dimethylphenol	5.5		ug/L	U	YES										 				
2,4-Dinitrophenol	22		ug/L	U	YES										 				
2,4-Dinitrotoluene	2.2		ug/L	U	YES										 				
2,6-Dinitrotoluene	2.2		ug/L	U	YES										 				
2-Chloronaphthalene	5.5		ug/L	U	YES										 				
2-Chlorophenol	5.5		ug/L	U	YES										 				
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES	İ	Ï	Ì	İ	ĺ		i i		İ	Ì		ĺ	i i	
2-Methylnaphthalene	2.2		ug/L	U	YES	İ	Ï	Ì	İ	ĺ		i i		İ	Ì		ĺ	i i	
2-Methylphenol	5.5		ug/L	U	YES										 				
2-Nitroaniline	5.5		ug/L	U	YES										 				
2-Nitrophenol	5.5		ug/L	U	YES										 				
3&4-Methylphenol	5.5		ug/L	U	YES										 				
3,3'-Dichlorobenzidine	5.5		ug/L	U	YES										 				
3-Nitroaniline	5.5		ug/L	U	YES										 				
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES										 				
4-Chloro-3-methylphenol	5.5		ug/L	U	YES										 				
4-Chloroaniline	5.5		ug/L	U	YES										 				
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES			1											•
4-Nitroaniline	5.5		ug/L	U	YES			1											•
4-Nitrophenol	22		ug/L	U	YES	[									 				
Acenaphthene	2.2		ug/L	U	YES	[									 				
Acenaphthylene	2.2		ug/L	U	YES	[									 				
Acetophenone	5.5		ug/L	U	YES	[ ]									 				
Anthracene	2.2		ug/L	U	YES	[									 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Uı Result	ncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C						ution:	<u> </u>														
Atrazine	5.5		ug/L	U	YES	!						1		1	1						·
Benzaldehyde	5.5		ug/L	U	YES		İ	, 	, 	İ	İ	i	, 		İ		İ		ļ	İ	Ī
Benzo(a)anthracene	2.2		ug/L	U	YES	}	İ	: 	. <u>'</u>	 	<u>-</u>	- <u>-</u>	¦	<u>'</u> 	<u> </u>		- <del> </del>		<u>-</u> 		 ı
Benzo(a)pyrene	2.2		ug/L	U	YES	<u> </u>	i	<u>:</u> 	<u>:</u>	: 	<u>:</u>	<u> </u>	i 	: 	i		- <del></del>		<u>-</u> 	i	
Benzo(b)fluoranthene	2.2		ug/L	U	YES	<u> </u>	i	<u>:</u> 	<u>:</u>	: 	<u>:</u>	<u> </u>	i 	: 	i		- <del></del>		<u>-</u> 	i	
Benzo(g,h,i)perylene	2.2		ug/L	U	YES	} }	İ	: 	: 	<u>-</u> 	<u>:</u>	``	i	; 	i		- <del>-</del>		<u>-</u> 	<u> </u>	 ı
Benzo(k)fluoranthene	2.2		ug/L	U	YES	; !				i							-: 		 		
BIPHENYL	2.2		ug/L	U	YES	; !				i							-: 		 		
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES	; !				i							-: 		 		
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES	; !				i							-: 		 		
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES	; !									. <u>.</u>		- <u>`</u>				
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES	1	İ	Ì		Ì	Ì	İ		İ	İ		İ			İ	
Butylbenzyl phthalate	2.2		ug/L	U	YES	1	İ	Ì		Ì	Ì	İ		İ	İ		İ			İ	
Caprolactam	2.2		ug/L	U	YES														 		
Carbazole	2.2		ug/L	U	YES														 		
Chrysene	2.2		ug/L	U	YES												- <u>-</u>				
Dibenz(a,h)anthracene	2.2		ug/L	U	YES																
Dibenzofuran	5.5		ug/L	U	YES																
Diethyl phthalate	2.2		ug/L	U	YES																
Dimethyl phthalate	2.2		ug/L	U	YES																
Di-n-butyl phthalate	2.2		ug/L	U	YES	[															
Di-n-octyl phthalate	2.2		ug/L	U	YES																
Fluoranthene	2.2		ug/L	U	YES	1															
Fluorene	2.2		ug/L	U	YES	1															
Hexachlorobenzene	2.2		ug/L	U	YES																
Hexachlorobutadiene	2.2		ug/L	U	YES																
Hexachlorocyclopentadiene	22		ug/L	U	YES																
Hexachloroethane	5.5		ug/L	U	YES	; ; ;															
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES	:													 		

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: For

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-14

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV/	Reason Codes
Analysis Method : 8270C					Di	lution: 1	.00														
Isophorone	2.2	1	ug/L	U	YES	1 1 1															
Naphthalene	2.2		ug/L	U	YES	1 1 1															
Nitrobenzene	2.2	 	ug/L	U	YES	 															
N-Nitroso-di-n-propylamine	2.2	 	ug/L	U	YES	 															
N-Nitrosodiphenylamine	5.5	 	ug/L	U	YES	 															
Phenanthrene	2.2	1	ug/L	U	YES	 															
Phenol	5.5		ug/L	U	YES	 															
Pyrene	2.2		ug/L	U	YES	 															
Analysis Method : 9012A					Di	lution: 1	.00														
Cyanide	0.01	1	mg/l	U	YES							1		1							

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: For

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

**Lab Sample ID:** N74914-14F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1.	.00														
Antimony	Ę	5	ug/L	U	YES	[ ]															

Project Number and Name: ENSR

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-564-BETHANYCHURCH

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

**Analysis Type: RES/DIS** 

Sample Matrix : AQ

**Lab Sample ID:** N74914-14F

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B	Nesun	LITOI	Office	Quai		ution:	•		IVID	L00	MIO	Бир	Juli	Lillin	1000013	Q.C	Tune	10	101	001	Codes
Aluminum	200	!	ug/L	U	YES		1.00	1	1	1		1	1	1	1		1 1		1	1	
Arsenic	5	1		U	YES	1	1	J I	J I	l I		l I	]						 		•
			ug/L	U	¦					<u> </u>									 		
Barium	262		ug/L		YES	ļ		<u> </u>		<u> </u>			<u> </u>						<u> </u>		
Cadmium	4		ug/L	U	YES														ļ		
Calcium	40700	 	ug/L		YES	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>					<u> </u>					<u> </u>	
Chromium	10	i 1 1	ug/L	U	YES					<u> </u>											
Cobalt	50		ug/L	U	YES	İ															
Copper	6.3	1	ug/L	В	YES	J								J							12
Iron	100	1	ug/L	U	YES																
Lead	3	!	ug/L	U	YES	[															
Magnesium	5610		ug/L		YES	 !		 		i			i						 		
Manganese	13.3		ug/L	В	YES	J	İ	İ	İ	Ì		İ	İ	J	i i		i i		İ	i i	12
Nickel	40		ug/L	U	YES		İ	Ì	Ì	Ì		İ	Ì		i i		į į		Ì	į į	i
Potassium	1110	!	ug/L	В	YES	J		i						J					 		12
Selenium	5		ug/L	U	YES	[													 		
Silver	10	!	ug/L	U	YES			i											 		
Sodium	18200	· · · · · · · · · · · · · · · · · · ·	ug/L		YES														 		
Vanadium	50		ug/L	U	YES	:															
Zinc	20.6	1	ug/L		YES	1															
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	ug/L	U	YES	1 1 1				1		ĺ									
Thallium	1	T	ug/L	U	YES																
Analysis Method : 7470A		•		•	Dil	ution:	1.00			•											
Mercury	0.2	1	ug/L	U	YES	1				1											

Project Number and Name: ENSRMA

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	eason Codes
Analysis Method : 6010B					Dil	ution: 1	.00														
Aluminum	118	1	ug/L	В	YES	J	1							J							12
Arsenic	5	1 1 1 1	ug/L	U	YES	1 1 1 1															

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution:															
Antimony	5	1	ug/L	U	YES	1 1 1	1								ĺ						
Barium	22.8	1	ug/L	В	YES	J	1							J	1						12
Cadmium	4	- <del> </del>	ug/L	U	YES	 ! !															<sub> </sub> 
Calcium	14400		ug/L	F	YES	,															    
Chromium	10		ug/L	U	YES	,															    
Cobalt	50	 	ug/L	U	YES	   															    
Copper	9.2	 	ug/L	В	YES	J								J							12
Iron	984	 	ug/L	,	YES	   															    
Lead	3	 	ug/L	U	YES	   															    
Magnesium	1120	 	ug/L	В	YES	J								J							12
Manganese	351	 	ug/L	,	YES	   															    
Nickel	40		ug/L	U	YES	 															 
Potassium	5000		ug/L	U	YES	 															 
Selenium	5		ug/L	U	YES	,															    
Silver	10		ug/L	U	YES	,															    
Sodium	7640		ug/L	, , ,	YES	 ! !															    
Vanadium	50	1	ug/L	U	YES																    
Zinc	8.2	i    -	ug/L	В	YES	J								J							12
Analysis Method : 6020					Dil	ution:	2.00														
Beryllium	2		ug/L	U	YES	 															
Thallium	1	 	ug/L	U	YES																    
Analysis Method : 7470A					Dil	ution:	1.00														
Mercury	0.099	1 1 1 1	ug/L	В	YES	J								J							12
Analysis Method: 8081A					Dil	ution:	1.00														
4,4'-DDD	0.021	1 1 1 1	ug/L	U	YES		1								1			_			
4,4'-DDE	0.021	 	ug/L	U	YES	,															    
4,4'-DDT	0.021	 	ug/L	U	YES	,															    
Aldrin	0.021	 	ug/L	U	YES	,															    
alpha-BHC	0.021	 	ug/L	U	YES	 ! !															<sub> </sub> 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A					Dil	ution: 1.	00														
alpha-Chlordane	0.021	 	ug/L	U	YES							ĺ									
beta-BHC	0.021	1 ! !	ug/L	U	YES							1									i
delta-BHC	0.021		ug/L	U	YES	[															
Dieldrin	0.021		ug/L	U	YES	[															
Endosulfan I	0.021	T	ug/L	U	YES																
Endosulfan II	0.021	;	ug/L	U	YES	[															,
Endosulfan sulfate	0.021	;	ug/L	U	YES	[															,
Endrin	0.021	;	ug/L	U	YES	[															,
Endrin aldehyde	0.021	;	ug/L	U	YES	[															,
Endrin ketone	0.052	;	ug/L	U	YES	[															,
gamma-BHC	0.021	;	ug/L	U	YES	[															
gamma-Chlordane	0.021	1 ! !	ug/L	U	YES							1									i
Heptachlor	0.021	1 ! !	ug/L	U	YES							1									i
Heptachlor epoxide	0.021		ug/L	U	YES	[															
Methoxychlor	0.052		ug/L	U	YES	[															
Toxaphene	0.26		ug/L	U	YES	[															
Analysis Method : 8082					Dil	ution: 1.	00														
Aroclor 1016	0.52	! ! !	ug/L	U	YES							1									
Aroclor 1221	0.52		ug/L	U	YES	[															
Aroclor 1232	0.52		ug/L	U	YES	[															
Aroclor 1242	0.52	; ;	ug/L	U	YES	[						Ī									
Aroclor 1248	0.52	T	ug/L	U	YES	[						Ī									
Aroclor 1254	0.52		ug/L	U	YES	ĺ	ĺ					İ	ĺ	İ					ĺ	İ	i
Aroclor 1260	0.52		ug/L	U	YES		ĺ					İ		İ					ĺ	İ	i
Aroclor 1262	0.52	T	ug/L	U	YES	[						1									
Aroclor 1268	0.52	T	ug/L	U	YES	[	i					1							 		
Analysis Method : 8151A					Dil	ution: 1.	00														
2,4,5-T	0.21	:	ug/L	U	YES	1						1									-
2,4,5-TP (Silvex)	0.16	; ; ; ;	ug/L	U	YES	    				: 	: 			: 		: 			<del>-</del> 		

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Forme

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual		Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00														
2,4-D	0.53		ug/L	U	YES															
Pentachlorophenol	0.16		ug/L	U	YES				1										1 1	1
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															I
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES	[														 
1,1,2-Trichloroethane	1		ug/L	U	YES	[														 I
1,1-Dichloroethane	1		ug/L	U	YES	[														 I
1,1-Dichloroethene	1		ug/L	U	YES	[														 I
1,2,3-Trichlorobenzene	5		ug/L	U	YES	[														 I
1,2,4-Trichlorobenzene	5		ug/L	U	YES	[														 
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES	[														 
1,2-Dibromoethane	2		ug/L	U	YES														1	1
1,2-Dichlorobenzene	1		ug/L	U	YES														1	1
1,2-Dichloroethane	1		ug/L	U	YES	[														 
1,2-Dichloropropane	1		ug/L	U	YES	[														 
1,3-Dichlorobenzene	1		ug/L	U	YES	[														 
1,4-Dichlorobenzene	1		ug/L	U	YES	[														 
2-Butanone	10		ug/L	U	YES	[														 
2-Hexanone	5		ug/L	U	YES	[														 
4-METHYL-2-PENTANONE	5		ug/L	U	YES	[														 
Acetone	10		ug/L	U	YES	[														 
Benzene	1		ug/L	U	YES	[														 
Bromochloromethane	5		ug/L	U	YES				1										1 1	1
Bromodichloromethane	1		ug/L	U	YES														1	1
Bromoform	4		ug/L	U	YES	[														 
Bromomethane	2		ug/L	U	YES	[								Ī						 
Carbon disulfide	2		ug/L	U	YES	[								Ī						 
Carbon tetrachloride	1		ug/L	U	YES	[														 
Chlorobenzene	1		ug/L	U	YES									  i						 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B	Nesuit	LIIO	Oilles	wual		lution:		•••	MD	LOG	WIO	Бар	Juil	Limit	1000013	w.c	Tune	10	104	001	Oues
Chloroethane	1	1 1 1	ug/L	U	YES			1		[				1	1		[	1	1	1	
Chloroform	1	1 1 1	ug/L	U	YES	1	1		 	1	! 	! 	) 	! 	1	! 	l	! 	1	1	; 
Chloromethane	1		ug/L	U	YES		! 	<u> </u>	<u> </u>	! 	! 	<u> </u>	! 	! 	! 	!	. <u>!</u>	! 	! 	! 	
cis-1,2-Dichloroethene	1	 	ug/L	U	YES	}	i 	<u> </u>	<u>'</u> 	<u>'</u> 	! 	<u>'</u> 	\	: 	! 	! 	- <u>'</u>	<u>'</u>	<u>-</u>	: <u>-</u>	
cis-1,3-Dichloropropene	1	 	ug/L	U	YES	}	i 	<u> </u>	<u>'</u> 	<u>'</u> 	! 	<u>'</u> 	\	: 	! 	! 	- <u>'</u>	<u>'</u>	<u>-</u>	: <u>-</u>	
Cyclohexane	5	1	ug/L	U	YES	<u> </u>	i 	<u> </u>	<u>'</u> 	<u>'</u> 	! 	<u>'</u> 	\	: 	! 	! 	- <u>'</u>	<u>'</u>	<u>-</u>	: <u>-</u>	
Dibromochloromethane	1	:	ug/L	U	YES		¦	¦	\. 	<u>-</u> 	! 	' 	\ 	' 		! 	- <u>'</u>	` 	<u>-</u>	¦	
Dichlorodifluoromethane	5	:	ug/L	U	YES		¦	¦	\. 	<u>-</u> 	! 	' 	\ 	' 		! 	- <u>'</u>	` 	<u>-</u>	¦	
Ethylbenzene	1	1	ug/L	U	YES	<u> </u>	i	<u> </u>	<u>'</u> 	<u>:</u> 	! 	<u>'</u> 	<u> </u>	: 	i	! 	- <del>'-</del>	<u>'</u>	<u>-</u>	: <u>-</u>	
Freon 113	5	:	ug/L	U	YES		¦	¦	\. 	<u>-</u> 	! 	' 	\ 	' 		! 	- <u>'</u>	` 	<u>-</u>	¦	
Isopropylbenzene	2	:	ug/L	U	YES		¦	¦	\. 	<u>-</u> 	! 	' 	\ 	' 		! 	- <u>'</u>	` 	<u>-</u>	¦	
M,P-XYLENE	1		ug/L	U	YES		İ		ļ	İ			Ì	İ	İ		i	İ		İ	
Methyl Acetate	5		ug/L	U	YES		İ		ļ	İ			Ì	İ	İ		i	İ		İ	
Methyl tert-butyl ether	1	1	ug/L	U	YES	Ī	i	ļ 	\ 	<u>'</u> 	!	<u> </u>	\	' 		! · · · · · · · · · · · · ·	- <u>-</u> 	<u> </u>	 	: 	<u>-</u>
Methylcyclohexane	5	;	ug/L	U	YES		İ	i	. <u>'</u>	<u>.</u> İ	: 	<u> </u>	: 		<u> </u>	: · · · · · · · · · · · · ·	- <u>-</u>	: 	 	i	
Methylene chloride	2	;	ug/L	U	YES		İ	i	. <u>'-</u>	<u>.</u> İ	: 	<u> </u>	: 		<u> </u>	: · · · · · · · · · · · · ·	- <u>-</u>	: 	 	i	
o-Xylene	1		ug/L	U	YES		İ	<u>-</u>	. <u>'</u>	<u>:</u>	: 	<u> </u>	: 			: · · 	- <del>:</del>	: 	 	i 	<u>-</u> ' I
Styrene	5		ug/L	U	YES		İ	<u>-</u>	. <u>'</u>	<u>:</u>	: 	<u> </u>	: 			: · · 	- <del>:</del>	: 	 	i 	<u>-</u> ' I
Tetrachloroethene	1	:	ug/L	U	YES		İ	i 	<u>:</u> 	<u>.</u>	: 	<u></u>		: 		: 	. <u>.</u>	: 	<u>-</u>	. <u> </u>	<u>-</u> 
Toluene	1	:	ug/L	U	YES		İ	i 	<u>:</u> 	<u>.</u>	: 	<u></u>		: 		: 	. <u>.</u>	: 	<u>-</u>	. <u> </u>	<u>-</u> 
Total Xylenes	1	:	ug/L	U	YES		İ	i 	<u>:</u> 	<u>.</u>	: 	<u></u>		: 		: 	. <u>.</u>	: 	<u>-</u>	. <u> </u>	<u>-</u> 
trans-1,2-Dichloroethene	1	; ;	ug/L	U	YES	}	i	<u>:</u>	<u>:</u>	<u>.</u>	: 	<u>.</u> 		: 	i	: 	. <u>.</u>	: 	<u>:</u>	i	<u>-</u> 
trans-1,3-Dichloropropene	1	1	ug/L	U	YES		İ		İ	İ			İ	i	İ		İ	İ	Ì	İ	; 
Trichloroethene	1		ug/L	U	YES		İ	Ì	Ì	İ			Ì	İ	İ		İ	İ		İ	i I
Trichlorofluoromethane	5	÷	ug/L	U	YES	}			<u>.</u>	<u>-</u>	: 	: 				: · · · · · · · · · · · · ·					<u>-</u>   
Vinyl chloride	1	÷	ug/L	U	YES	}			<u>.</u>	<u>-</u>	: 	: 				: · · · · · · · · · · · · ·					<u>-</u>   
Analysis Method : 8270C					Di	lution:	1.00		~		:	`		·		·					'
1,2,4,5-Tetrachlorobenzene	5.1		ug/L	U	YES																
1,4-Dioxane	2	<del>;</del>	ug/L	U	YES				 	<u>-</u>	: 	: 		: 		: · · 	- <u>-</u>		<u></u>		<u>-</u>   

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Form

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

**Analysis Type: RES** 

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	00													
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES															
2,4,5-Trichlorophenol	5.1		ug/L	U	YES	[ ]														,
2,4,6-Trichlorophenol	5.1		ug/L	U	YES	[														
2,4-Dichlorophenol	5.1		ug/L	U	YES	[														
2,4-Dimethylphenol	5.1		ug/L	U	YES															
2,4-Dinitrophenol	20		ug/L	U	YES	[														
2,4-Dinitrotoluene	2		ug/L	U	YES	[														
2,6-Dinitrotoluene	2		ug/L	U	YES	[														
2-Chloronaphthalene	5.1		ug/L	U	YES	[														
2-Chlorophenol	5.1		ug/L	U	YES	[														
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES	[														
2-Methylnaphthalene	2		ug/L	U	YES															,
2-Methylphenol	5.1		ug/L	U	YES															,
2-Nitroaniline	5.1		ug/L	U	YES															
2-Nitrophenol	5.1		ug/L	U	YES															
3&4-Methylphenol	5.1		ug/L	U	YES															
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES	[														
3-Nitroaniline	5.1		ug/L	U	YES	[														
4-Bromophenyl phenyl ether	2		ug/L	U	YES	[														
4-Chloro-3-methylphenol	5.1		ug/L	U	YES	[														
4-Chloroaniline	5.1		ug/L	U	YES	[														
4-Chlorophenyl phenyl ether	2		ug/L	U	YES	:														
4-Nitroaniline	5.1		ug/L	U	YES		1											1		
4-Nitrophenol	20		ug/L	U	YES															,
Acenaphthene	2		ug/L	U	YES	[														
Acenaphthylene	2		ug/L	U	YES	[										 				 
Acetophenone	5.1		ug/L	U	YES	[										 				 
Anthracene	2		ug/L	U	YES	[										 				
Atrazine	5.1		ug/L	U	YES	[						i				 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	1.00														
Benzaldehyde	5.1	1	ug/L	U	YES	 															
Benzo(a)anthracene	2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L	U	YES	1 															'
Benzo(a)pyrene	2		ug/L	U	YES	F															
Benzo(b)fluoranthene	2	·	ug/L	U	YES	F ! !				 							- <u>-</u>				
Benzo(g,h,i)perylene	2	·	ug/L	U	YES	F ! !				 							- <u>-</u>				
Benzo(k)fluoranthene	2		ug/L	U	YES	     															
BIPHENYL	2		ug/L	U	YES	     															
bis(2-Chloroethoxy)methane	2		ug/L	U	YES	     															
Bis(2-chloroethyl) ether	2		ug/L	U	YES	     															
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES	     															
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES	     															
Butylbenzyl phthalate	2		ug/L	U	YES	! ! !	ĺ		İ	ĺ			ĺ		Ì		İ	İ	İ	Ì	į
Caprolactam	2		ug/L	U	YES	! ! !	ĺ		İ	ĺ			ĺ		Ì		İ	İ	İ	Ì	į
Carbazole	2	·	ug/L	U	YES	 ! !															
Chrysene	2	·	ug/L	U	YES	 ! !															
Dibenz(a,h)anthracene	2	·	ug/L	U	YES	 ! !															
Dibenzofuran	5.1		ug/L	U	YES	 ! !															
Diethyl phthalate	2	     	ug/L	U	YES																
Dimethyl phthalate	2	     	ug/L	U	YES																
Di-n-butyl phthalate	2	     	ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES	   															
Fluoranthene	2	·	ug/L	U	YES	,															
Fluorene	2	1 1 1	ug/L	U	YES	1 1 1 1															'
Hexachlorobenzene	2		ug/L	U	YES	1 															'
Hexachlorobutadiene	2	·	ug/L	U	YES	 ! !															
Hexachlorocyclopentadiene	20	·	ug/L	U	YES	 ! !															
Hexachloroethane	5.1	·	ug/L	U	YES	F															
Indeno(1,2,3-cd)pyrene	2	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	7															
Isophorone	2	·	ug/L	U	YES	 i !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-5

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	.00														
Naphthalene	2	2	ug/L	U	YES	1 1 1															
Nitrobenzene	2	2	ug/L	U	YES	1 1 1 1				I											
N-Nitroso-di-n-propylamine	2	2	ug/L	U	YES												[				
N-Nitrosodiphenylamine	5.1		ug/L	U	YES												[				
Phenanthrene	2	2	ug/L	U	YES												[				
Phenol	5.1		ug/L	U	YES	F											[				
Pyrene	2	2	ug/L	U	YES	F											[				
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.0	ı į	mg/l	U	YES	1 1				[											

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-5F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	i i	ug/L	U	YES	!				1											
Arsenic	5		ug/L	U	YES	1 1 1													1		

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-627B-ENONRD

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-5F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution:	1.00													
Antimony	5		ug/L	U	YES	! ! !														
Barium	21.8		ug/L	В	YES	J								J					1 1	12
Cadmium	4		ug/L	U	YES	 ! !														
Calcium	15200		ug/L		YES	 ! !														
Chromium	10		ug/L	U	YES	 ! !														
Cobalt	50		ug/L	U	YES	     										 				
Copper	5.9		ug/L	В	YES	J								J		 				12
Iron	100		ug/L	U	YES	     										 				
Lead	3		ug/L	U	YES	     										 				
Magnesium	1140		ug/L	В	YES	J								J		 				12
Manganese	354		ug/L		YES	     										 				
Nickel	2.2		ug/L	В	YES	J	ĺ		İ	ĺ		ĺ	Ì	J	İ	Ì	İ	ĺ	i i	12
Potassium	5000		ug/L	U	YES	! ! !	ĺ		İ	ĺ		ĺ	Ì	İ	İ	Ì	İ	ĺ	i i	
Selenium	5		ug/L	U	YES	 ! !										 				
Silver	10		ug/L	U	YES	 ! !										 				
Sodium	7790		ug/L		YES	 ! !										 				
Vanadium	50		ug/L	U	YES	     										 				
Zinc	12.2		ug/L	В	YES	J								J						12
Analysis Method : 6020					Dil	ution:	2.00									 				
Beryllium	2		ug/L	U	YES	! !														
Thallium	1		ug/L	U	YES	     										 				
Analysis Method : 7470A					Dil	ution:	1.00									 			'	
Mercury	0.2		ug/L	U	YES	! !			I				1				I	1		

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Di	lution: 1	1.00														
Aluminum	200	)	ug/L	U	YES	1															

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B		-				ution: 1.00														
Antimony	5		ug/L	U	YES															
Arsenic	5		ug/L	U	YES		Ĭ	Ì		ĺ			Ì	İ		Ì		Ĭ	İ	
Barium	37.6		ug/L	В	YES	J				 			J							12
Cadmium	4		ug/L	U	YES					 										
Calcium	43100		ug/L		YES															
Chromium	10		ug/L	U	YES															
Cobalt	50		ug/L	U	YES															
Copper	25		ug/L	U	YES	[														
Iron	1000		ug/L		YES															
Lead	3		ug/L	U	YES	[														
Magnesium	9190		ug/L		YES															
Manganese	634		ug/L		YES				1											
Nickel	40		ug/L	U	YES				1				1			1				
Potassium	1610		ug/L	В	YES	J							J							12
Selenium	5		ug/L	U	YES															
Silver	10		ug/L	U	YES															
Sodium	11800		ug/L		YES															
Vanadium	50		ug/L	U	YES															
Zinc	155		ug/L		YES															
Analysis Method : 6020					Dil	ution: 2.00														
Beryllium	2		ug/L	U	YES	1		<u> </u>		<u> </u>				<u>                                     </u>						
Thallium	0.68		ug/L	В	YES	UJ		U					J							12,6
Analysis Method : 7470A					Dil	ution: 1.00														
Mercury	0.2		ug/L	U	YES				1											
Analysis Method : 8081A					Dil	ution: 1.00														
4,4'-DDD	0.023		ug/L	U	YES	1				<u> </u>										
4,4'-DDE	0.023		ug/L	U	YES															
4,4'-DDT	0.023		ug/L	U	YES															
Aldrin	0.023		ug/L	U	YES	[														

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

Report Date: 9/29/2004 08:46

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Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A					Dil	ution: 1	1.00														
alpha-BHC	0.023	1	ug/L	U	YES	 											ĺ				,
alpha-Chlordane	0.023		ug/L	U	YES	1 															,
beta-BHC	0.023	. <del> </del>	ug/L	U	YES	 ! !															
delta-BHC	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Dieldrin	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Endosulfan I	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Endosulfan II	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Endosulfan sulfate	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Endrin	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Endrin aldehyde	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Endrin ketone	0.057	. <del> </del>	ug/L	U	YES	 ! !															
gamma-BHC	0.023		ug/L	U	YES	1 															,
gamma-Chlordane	0.023		ug/L	U	YES	1 															,
Heptachlor	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Heptachlor epoxide	0.023	. <del> </del>	ug/L	U	YES	 ! !															
Methoxychlor	0.057		ug/L	U	YES	,															
Toxaphene	0.28		ug/L	U	YES																
Analysis Method : 8082					Dil	ution: 1	1.00														
Aroclor 1016	0.57		ug/L	U	YES	 															,
Aroclor 1221	0.57		ug/L	U	YES																
Aroclor 1232	0.57		ug/L	U	YES																
Aroclor 1242	0.57		ug/L	U	YES	,															
Aroclor 1248	0.57	1	ug/L	U	YES	1 1 1 1											1				
Aroclor 1254	0.57		ug/L	U	YES	1 															,
Aroclor 1260	0.57	i i	ug/L	U	YES	 ! !															 
Aroclor 1262	0.57	i i	ug/L	U	YES	 ! !															 
Aroclor 1268	0.57	i i	ug/L	U	YES	 ! !															 
Analysis Method : 8151A					Dil	ution: 1	1.00														
2,4,5-T	0.24		ug/L	U	YES	; ; ;											1				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00														
2,4,5-TP (Silvex)	0.18	1 1 1	ug/L	U	YES	[			1											1
2,4-D	0.6	1	ug/L	U	YES	[			1											1
Pentachlorophenol	0.18	- T	ug/L	U	YES	[														 
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L	U	YES															l
1,1,2,2-Tetrachloroethane	1	 	ug/L	U	YES	[														 I
1,1,2-Trichloroethane	1	 	ug/L	U	YES	[														 I
1,1-Dichloroethane	1	 	ug/L	U	YES	[														 I
1,1-Dichloroethene	1	 	ug/L	U	YES	[														 I
1,2,3-Trichlorobenzene	5	 	ug/L	U	YES	[														 I
1,2,4-Trichlorobenzene	5	 	ug/L	U	YES	[														 
1,2-Dibromo-3-chloropropane	10	1	ug/L	U	YES				1											1
1,2-Dibromoethane	2	1	ug/L	U	YES	[			1											1
1,2-Dichlorobenzene	1	·	ug/L	U	YES	[														 
1,2-Dichloroethane	1	- T	ug/L	U	YES	[														 
1,2-Dichloropropane	1	- T	ug/L	U	YES	[														 
1,3-Dichlorobenzene	1	   	ug/L	U	YES	[														 
1,4-Dichlorobenzene	1	1	ug/L	U	YES	[														 
2-Butanone	10		ug/L	U	YES	[														 
2-Hexanone	5	1	ug/L	U	YES	[														 
4-METHYL-2-PENTANONE	5		ug/L	U	YES	[														 
Acetone	10	 	ug/L	U	YES	[														 
Benzene	1	1	ug/L	U	YES															I
Bromochloromethane	5	1	ug/L	U	YES															I
Bromodichloromethane	1	1	ug/L	U	YES	[														 
Bromoform	4	·	ug/L	U	YES															 I
Bromomethane	2	- T	ug/L	U	YES	[														 I
Carbon disulfide	2		ug/L	U	YES	[														 I
Carbon tetrachloride	1	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	[														 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Te	np HT	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1.00	-													
Chlorobenzene	1	1	ug/L	U	YES															
Chloroethane	1	1	ug/L	U	YES			1												
Chloroform	1	- <del> </del>	ug/L	U	YES															
Chloromethane	1	- <del> </del>	ug/L	U	YES															
cis-1,2-Dichloroethene	1	- <del> </del>	ug/L	U	YES															
cis-1,3-Dichloropropene	1		ug/L	U	YES															
Cyclohexane	5		ug/L	U	YES															
Dibromochloromethane	1	 	ug/L	U	YES															
Dichlorodifluoromethane	5	 	ug/L	U	YES															
Ethylbenzene	1		ug/L	U	YES															
Freon 113	5		ug/L	U	YES															
Isopropylbenzene	2		ug/L	U	YES															
M,P-XYLENE	1		ug/L	U	YES															
Methyl Acetate	5		ug/L	U	YES															
Methyl tert-butyl ether	1	 	ug/L	U	YES															
Methylcyclohexane	5		ug/L	U	YES															
Methylene chloride	2		ug/L	U	YES															
o-Xylene	1	i !	ug/L	U	YES															
Styrene	5	i 	ug/L	U	YES															
Tetrachloroethene	1		ug/L	U	YES															
Toluene	1	i !	ug/L	U	YES															
Total Xylenes	1	1	ug/L	U	YES															
trans-1,2-Dichloroethene	1		ug/L	U	YES															
trans-1,3-Dichloropropene	1		ug/L	U	YES															
Trichloroethene	1		ug/L	U	YES															
Trichlorofluoromethane	5	 	ug/L	U	YES															
Vinyl chloride	1	     	ug/L	U	YES															
Analysis Method : 8270C					Dil	ution: 1.00														
1,2,4,5-Tetrachlorobenzene	5.6	. i	ug/L	U	YES				<u> </u>	<u> </u>		<u> </u>	<u> </u>				<u> </u>	<u> </u>	<u> </u>	<u> </u>

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* T	emp ł	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	0													
1,4-Dioxane	2.2		ug/L	U	YES															
2,3,4,6-Tetrachlorophenol	5.6		ug/L	U	YES															
2,4,5-Trichlorophenol	5.6		ug/L	U	YES	[														
2,4,6-Trichlorophenol	5.6		ug/L	U	YES	[										 				
2,4-Dichlorophenol	5.6		ug/L	U	YES	[														
2,4-Dimethylphenol	5.6		ug/L	U	YES															
2,4-Dinitrophenol	22		ug/L	U	YES	[														
2,4-Dinitrotoluene	2.2		ug/L	U	YES	[														
2,6-Dinitrotoluene	2.2		ug/L	U	YES															
2-Chloronaphthalene	5.6		ug/L	U	YES															
2-Chlorophenol	5.6		ug/L	U	YES	[														
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES															
2-Methylnaphthalene	2.2		ug/L	U	YES															
2-Methylphenol	5.6	,	ug/L	U	YES															
2-Nitroaniline	5.6	,	ug/L	U	YES															
2-Nitrophenol	5.6	,	ug/L	U	YES															
3&4-Methylphenol	5.6		ug/L	U	YES															
3,3'-Dichlorobenzidine	5.6		ug/L	U	YES															
3-Nitroaniline	5.6		ug/L	U	YES															
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES															
4-Chloro-3-methylphenol	5.6		ug/L	U	YES															
4-Chloroaniline	5.6		ug/L	U	YES															
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES															
4-Nitroaniline	5.6		ug/L	U	YES															
4-Nitrophenol	22		ug/L	U	YES															
Acenaphthene	2.2		ug/L	U	YES															
Acenaphthylene	2.2		ug/L	U	YES															
Acetophenone	5.6		ug/L	U	YES															
Anthracene	2.2		ug/L	U	YES	<u> </u>		Ī		<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	 <u> </u>	L	<u> </u>	<u> </u>	<u>.                                    </u>

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	1.00														-
Atrazine	5.6	1	ug/L	U	YES	! ! !															
Benzaldehyde	5.6		ug/L	U	YES	! ! !	ĺ										İ				ı
Benzo(a)anthracene	2.2		ug/L	U	YES	F															<del>_</del> _
Benzo(a)pyrene	2.2		ug/L	U	YES	F ! !											- <u>-</u>				<del>_</del>
Benzo(b)fluoranthene	2.2		ug/L	U	YES	 ! !															
Benzo(g,h,i)perylene	2.2	; ; ;	ug/L	U	YES	 ! !															,
Benzo(k)fluoranthene	2.2	; ; ;	ug/L	U	YES	 ! !															,
BIPHENYL	2.2		ug/L	U	YES	 ! !															
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES	 ! !															
Bis(2-chloroethyl) ether	2.2	 	ug/L	U	YES	   															,
Bis(2-chloroisopropyl) ether	2.2	 	ug/L	U	YES	   															,
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES	 															ı
Butylbenzyl phthalate	2.2		ug/L	U	YES	 															ı
Caprolactam	2.2		ug/L	U	YES	,															,
Carbazole	2.2		ug/L	U	YES	,															,
Chrysene	2.2		ug/L	U	YES	,															,
Dibenz(a,h)anthracene	2.2	 	ug/L	U	YES	   															,
Dibenzofuran	5.6	1	ug/L	U	YES																
Diethyl phthalate	2.2	1	ug/L	U	YES																
Dimethyl phthalate	2.2	i i	ug/L	U	YES	·															
Di-n-butyl phthalate	2.2	i i	ug/L	U	YES	·															
Di-n-octyl phthalate	2.2		ug/L	U	YES	     															
Fluoranthene	2.2		ug/L	U	YES	! ! ! !															, l
Fluorene	2.2		ug/L	U	YES	! ! ! !															, l
Hexachlorobenzene	2.2		ug/L	U	YES	, ·															.
Hexachlorobutadiene	2.2		ug/L	U	YES																.
Hexachlorocyclopentadiene	22		ug/L	U	YES																.
Hexachloroethane	5.6	 	ug/L	U	YES																,
Indeno(1,2,3-cd)pyrene	2.2	1	ug/L	U	YES																<u> </u>

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

**Analysis Type: RES** 

Sample Matrix : AQ

Lab Sample ID: N74914-9

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	1.00														
Isophorone	2.2	 	ug/L	U	YES	1 1 1															
Naphthalene	2.2	 	ug/L	U	YES	1 1 1 1											1 1			1	
Nitrobenzene	2.2	7	ug/L	U	YES																
N-Nitroso-di-n-propylamine	2.2	7	ug/L	U	YES																
N-Nitrosodiphenylamine	5.6	7	ug/L	U	YES																
Phenanthrene	2.2	,	ug/L	U	YES	F															
Phenol	5.6	,	ug/L	U	YES	UJ					UJ										8
Pyrene	2.2	,	ug/L	U	YES	F															
Analysis Method : 9012A					Dil	ution: 1	1.00														
Cyanide	0.01	1 1 1	mg/l	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-9F

Reviewed By / Date :

**ADR 6.1** 

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reaso Code:	
Analysis Method : 6010B					Dil	lution: 1	1.00															
Aluminum	200	)	ug/L	U	YES	1																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03
Report Date: 9/29/2004 08:46

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Client Sample ID: RW0804-6305-ISHAMCHAMBERS

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-9F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	l Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	1.00													
Antimony	5	1 1 1 1	ug/L	U	YES					ĺ										
Arsenic	5	1 1 1 1	ug/L	U	YES															
Barium	41.2	T	ug/L	В	YES	J								J	 					12
Cadmium	4	T	ug/L	U	YES										 					
Calcium	45200	T	ug/L		YES										 					
Chromium	10	<del>,</del>	ug/L	U	YES										 					
Cobalt	50	<del>,</del>	ug/L	U	YES										 					
Copper	25	<del>,</del>	ug/L	U	YES										 					
Iron	995	<del>,</del>	ug/L		YES										 					
Lead	3	<del>,</del>	ug/L	U	YES										 					
Magnesium	9550	<del>,</del>	ug/L		YES										 					
Manganese	668	i I I I	ug/L		YES					[										
Nickel	40	i I I I	ug/L	U	YES					[										
Potassium	1840	T	ug/L	В	YES	J								J	 					12
Selenium	5	T	ug/L	U	YES										 					
Silver	10	T	ug/L	U	YES										 					
Sodium	12600		ug/L		YES															
Vanadium	50		ug/L	U	YES															
Zinc	155		ug/L		YES															
Analysis Method : 6020					Dil	ution: 2	2.00									 				
Beryllium	2	 	ug/L	U	YES															
Thallium	0.65	7	ug/L	В	YES	J								J	Ī					12
Analysis Method : 7470A					Dil	ution: 1	1.00													
Mercury	0.2	1	ug/L	U	YES					I		I								

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-FIELDDUP2

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-7

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	i i	ug/L	U	YES	!				1											
Arsenic	5		ug/L	U	YES	1 1 1													1		

Project Number and Name: EN

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-FIELDDUP2

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-7

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	C	′ •	C	٧v	C	u	ט	y	,	u	a	ıC	•

#### Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	1.00														-
Antimony	5	1	ug/L	U	YES																
Barium	15.4	1	ug/L	В	YES	J	ĺ		İ					J			İ				12
Cadmium	4		ug/L	U	YES						:										
Calcium	8120		ug/L		YES						:										
Chromium	3.2		ug/L	В	YES	J					:			J							12
Cobalt	50		ug/L	U	YES						:						- <u>-</u>		 		
Copper	14.1	· · · · · · · · · · · · · · · · · · ·	ug/L	В	YES	J								J							12
Iron	100		ug/L	U	YES																
Lead	3		ug/L	U	YES																
Magnesium	2070		ug/L	В	YES	J								J							12
Manganese	12.2	:	ug/L	В	YES	J								J							12
Nickel	3.1	1	ug/L	В	YES	J	ĺ		İ					J			İ		ĺ		12
Potassium	763	4	ug/L	В	YES	J	ĺ		İ					J			İ		ĺ		12
Selenium	5	- <del> </del>	ug/L	U	YES																
Silver	10		ug/L	U	YES																
Sodium	4450		ug/L	В	YES	J								J							12
Vanadium	50		ug/L	U	YES																
Zinc	12.8		ug/L	В	YES	J								J							12
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2	į	ug/L	U	YES																
Thallium	1	 	ug/L	U	YES																
Analysis Method : 7470A					Dil	ution: 1	1.00														
Mercury	0.2		ug/L	U	YES																į l
Analysis Method: 8081A					Dil	ution: 1	1.00														
4,4'-DDD	0.021		ug/L	U	YES																
4,4'-DDE	0.021	- <del> </del>	ug/L	U	YES																
4,4'-DDT	0.021	- <del> </del>	ug/L	U	YES																
Aldrin	0.021	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES																
alpha-BHC	0.021		ug/L	U	YES																

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-FIELDDUP2

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-7

Review	∕ed By /	Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A					Dil	ution: 1	1.00														
alpha-Chlordane	0.021	1	ug/L	U	YES																
beta-BHC	0.021		ug/L	U	YES		Ï						Ì		i i		i i		Ì	Ï	1
delta-BHC	0.021		ug/L	U	YES		i								i i		· · · · · · · · · · · · · · · · · · ·				 
Dieldrin	0.021	·	ug/L	U	YES																 
Endosulfan I	0.021	·	ug/L	U	YES																 
Endosulfan II	0.021		ug/L	U	YES																 
Endosulfan sulfate	0.021		ug/L	U	YES																 
Endrin	0.021		ug/L	U	YES																 
Endrin aldehyde	0.021		ug/L	U	YES																 
Endrin ketone	0.052	 	ug/L	U	YES																 I
gamma-BHC	0.021	 	ug/L	U	YES																 
gamma-Chlordane	0.021	1	ug/L	U	YES																1
Heptachlor	0.021	1	ug/L	U	YES																1
Heptachlor epoxide	0.021		ug/L	U	YES																 
Methoxychlor	0.052	 	ug/L	U	YES																 
Toxaphene	0.26	 	ug/L	U	YES																 
Analysis Method: 8082					Dil	ution: 1	1.00														
Aroclor 1016	0.52		ug/L	U	YES																I
Aroclor 1221	0.52	1	ug/L	U	YES																 
Aroclor 1232	0.52	1	ug/L	U	YES																 
Aroclor 1242	0.52	1	ug/L	U	YES																 
Aroclor 1248	0.52	1	ug/L	U	YES																 
Aroclor 1254	0.52	1	ug/L	U	YES																1
Aroclor 1260	0.52	1	ug/L	U	YES																1
Aroclor 1262	0.52		ug/L	U	YES																 I
Aroclor 1268	0.52		ug/L	U	YES																 I
Analysis Method : 8151A					Dil	ution: 1	1.00														
2,4,5-T	0.22		ug/L	U	YES												]		]		I
2,4,5-TP (Silvex)	0.16		ug/L	U	YES																
D : 4N   ENG																_					

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Former

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-FIELDDUP2

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-7

Reviewed By / Date :

Approved By / Date :

Analyte Name	U Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00					·									
2,4-D	0.54		ug/L	U	YES															
Pentachlorophenol	0.16		ug/L	U	YES															
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES															
1,1,2-Trichloroethane	1		ug/L	U	YES															
1,1-Dichloroethane	1		ug/L	U	YES															
1,1-Dichloroethene	1		ug/L	U	YES															
1,2,3-Trichlorobenzene	5		ug/L	U	YES															
1,2,4-Trichlorobenzene	5		ug/L	U	YES															
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES															
1,2-Dibromoethane	2		ug/L	U	YES															
1,2-Dichlorobenzene	1		ug/L	U	YES															
1,2-Dichloroethane	1		ug/L	U	YES															
1,2-Dichloropropane	1		ug/L	U	YES															
1,3-Dichlorobenzene	1		ug/L	U	YES															
1,4-Dichlorobenzene	1		ug/L	U	YES															
2-Butanone	10		ug/L	U	YES															
2-Hexanone	5		ug/L	U	YES															
4-METHYL-2-PENTANONE	5		ug/L	U	YES															
Acetone	10		ug/L	U	YES															
Benzene	1		ug/L	U	YES															
Bromochloromethane	5		ug/L	U	YES															
Bromodichloromethane	1		ug/L	U	YES															
Bromoform	4		ug/L	U	YES															
Bromomethane	2		ug/L	U	YES															
Carbon disulfide	2		ug/L	U	YES															
Carbon tetrachloride	1		ug/L	U	YES					 										
Chlorobenzene	1		ug/L	U	YES					 										

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID : RW0804-FIELDDUP2 Lab Report Batch : N74914 Lab ID : ACTD

Sample Date: 08/11/2004 Analysis Type: RES Sample Matrix: AQ

Lab Sample ID: N74914-7

Reviewed By / Date	Approved By / Date	:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1	1.00														-
Chloroethane	1	1	ug/L	U	YES	! ! !									I						
Chloroform	1		ug/L	U	YES	1 1 1	ĺ		İ	ĺ			ĺ		İ		İ			ĺ	ĺ
Chloromethane	1	 	ug/L	U	YES	F															
cis-1,2-Dichloroethene	1	 	ug/L	U	YES	F															
cis-1,3-Dichloropropene	1	 	ug/L	U	YES	F															
Cyclohexane	5	- <del> </del>	ug/L	U	YES	 !	i			i		<u></u>		: 			- <del>-</del>		 	 	
Dibromochloromethane	1	- <del> </del>	ug/L	U	YES	 !	i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
Dichlorodifluoromethane	5	- <del> </del>	ug/L	U	YES	 !	i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
Ethylbenzene	1	- <del> </del>	ug/L	U	YES	 !	i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
Freon 113	5	- <del> </del>	ug/L	U	YES	 !	i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
Isopropylbenzene	2	- <del> </del>	ug/L	U	YES	 !	i			<u>-</u>	: 	<u></u>				: 	- <del>-</del>		 		
M,P-XYLENE	1	1	ug/L	U	YES		İ		İ	İ			Ì		Ì		İ		Ì	Ì	İ
Methyl Acetate	5	1	ug/L	U	YES		İ		İ	İ			Ì		Ì		İ		Ì	Ì	İ
Methyl tert-butyl ether	1	 	ug/L	U	YES	F															
Methylcyclohexane	5	 	ug/L	U	YES	F															
Methylene chloride	2	 	ug/L	U	YES	F															
o-Xylene	1	i i	ug/L	U	YES	     											- <u>-</u>		 		
Styrene	5	 	ug/L	U	YES	 ! !															
Tetrachloroethene	1	 	ug/L	U	YES	 ! !				 											
Toluene	1	 	ug/L	U	YES	 ! !															
Total Xylenes	1	 	ug/L	U	YES	 ! !				 											
trans-1,2-Dichloroethene	1		ug/L	U	YES	 ! !															
trans-1,3-Dichloropropene	1		ug/L	U	YES																1
Trichloroethene	1		ug/L	U	YES																1
Trichlorofluoromethane	5		ug/L	U	YES	 ! !															
Vinyl chloride	1	 	ug/L	U	YES	 ! !															
Analysis Method : 8270C					Dil	ution: 1	1.00														
1,2,4,5-Tetrachlorobenzene	5.1	1 1	ug/L	U	YES	! !									I						
1,4-Dioxane	2	1 1	ug/L	U	YES	 i !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

Report Date: 9/29/2004 08:46

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ADR 6.1

\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data revie

Client Sample ID: RW0804-FIELDDUP2

Lab Report Batch: N74914

Lab ID : ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-7

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* T	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	0													
2,3,4,6-Tetrachlorophenol	5.1	1	ug/L	U	YES							1								
2,4,5-Trichlorophenol	5.1		ug/L	U	YES	ĺ	ĺ				ĺ	İ	İ	ĺ	İ			ĺ	i i	ı İ
2,4,6-Trichlorophenol	5.1	T	ug/L	U	YES	[						Ī				 				<u>_</u>
2,4-Dichlorophenol	5.1	1	ug/L	U	YES	[					 					 				
2,4-Dimethylphenol	5.1	1	ug/L	U	YES	[					 					 				
2,4-Dinitrophenol	20	1	ug/L	U	YES	[					 					 				
2,4-Dinitrotoluene	2	1	ug/L	U	YES															,
2,6-Dinitrotoluene	2	1	ug/L	U	YES															,
2-Chloronaphthalene	5.1	1	ug/L	U	YES															,
2-Chlorophenol	5.1	1	ug/L	U	YES															,
2-Methyl-4,6-dinitrophenol	20	1	ug/L	U	YES															,
2-Methylnaphthalene	2	1 1 1	ug/L	U	YES															
2-Methylphenol	5.1		ug/L	U	YES															
2-Nitroaniline	5.1	1	ug/L	U	YES															,
2-Nitrophenol	5.1	1	ug/L	U	YES															,
3&4-Methylphenol	5.1	1	ug/L	U	YES															,
3,3'-Dichlorobenzidine	5.1	1	ug/L	U	YES															
3-Nitroaniline	5.1	1	ug/L	U	YES															
4-Bromophenyl phenyl ether	2		ug/L	U	YES							1								
4-Chloro-3-methylphenol	5.1	1	ug/L	U	YES															
4-Chloroaniline	5.1		ug/L	U	YES							1								
4-Chlorophenyl phenyl ether	2	1	ug/L	U	YES							1								
4-Nitroaniline	5.1	1	ug/L	U	YES															
4-Nitrophenol	20	1	ug/L	U	YES															
Acenaphthene	2	1	ug/L	U	YES							1								
Acenaphthylene	2	1	ug/L	U	YES															.
Acetophenone	5.1	1	ug/L	U	YES															.
Anthracene	2		ug/L	U	YES															.
Atrazine	5.1		ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-FIELDDUP2 Lab Report Batch: N74914

Sample Date: 08/11/2004 Analysis Type: RES Sample Matrix: AQ

Lab Sample ID: N74914-7

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	1.00														
Benzaldehyde	5.1	1	ug/L	U	YES	 															
Benzo(a)anthracene	2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L	U	YES	1 															'
Benzo(a)pyrene	2		ug/L	U	YES	F ! !															
Benzo(b)fluoranthene	2	·	ug/L	U	YES	F ! !				 							- <u>-</u>				
Benzo(g,h,i)perylene	2	·	ug/L	U	YES	F ! !				 							- <u>-</u>				
Benzo(k)fluoranthene	2		ug/L	U	YES	 ! !															
BIPHENYL	2		ug/L	U	YES	 ! !															
bis(2-Chloroethoxy)methane	2		ug/L	U	YES	 ! !															
Bis(2-chloroethyl) ether	2		ug/L	U	YES	 ! !															
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES	 ! !															
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES	 ! !															
Butylbenzyl phthalate	2		ug/L	U	YES	! ! !	ĺ		İ	ĺ			ĺ		Ì		İ	İ	ĺ	Ì	į
Caprolactam	2		ug/L	U	YES	! ! !	ĺ		İ	ĺ			ĺ		Ì		İ	İ	ĺ	Ì	į
Carbazole	2	·	ug/L	U	YES	 ! !															
Chrysene	2	·	ug/L	U	YES	 ! !															
Dibenz(a,h)anthracene	2	·	ug/L	U	YES	 ! !															
Dibenzofuran	5.1		ug/L	U	YES	 ! !															
Diethyl phthalate	2	     	ug/L	U	YES																
Dimethyl phthalate	2	     	ug/L	U	YES																
Di-n-butyl phthalate	2	     	ug/L	U	YES																
Di-n-octyl phthalate	2		ug/L	U	YES	   															
Fluoranthene	2	·	ug/L	U	YES	,															
Fluorene	2	1 1 1	ug/L	U	YES	1 1 1 1															'
Hexachlorobenzene	2		ug/L	U	YES	1 															'
Hexachlorobutadiene	2	·	ug/L	U	YES	 ! !															
Hexachlorocyclopentadiene	20	·	ug/L	U	YES	 ! !															
Hexachloroethane	5.1	·	ug/L	U	YES	F															
Indeno(1,2,3-cd)pyrene	2	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	7															
Isophorone	2	·	ug/L	U	YES	 i !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

Lab ID: ACTD

**ADR 6.1** 

Client Sample ID: RW0804-FIELDDUP2

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

**Analysis Type: RES** 

Sample Matrix : AQ

Lab Sample ID: N74914-7

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	.00														
Naphthalene	2	2	ug/L	U	YES	1 1 1															
Nitrobenzene	2	!	ug/L	U	YES	1				1											
N-Nitroso-di-n-propylamine	2	2	ug/L	U	YES																
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2	!	ug/L	U	YES																
Phenol	5.1		ug/L	U	YES												[				
Pyrene	2	!	ug/L	U	YES												[				
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.01		mg/l	U	YES					I											

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-FIELDDUP2

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-7F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	.00														
Aluminum	200	)	ug/L	U	YES												1 1				
Arsenic	5	5	ug/L	U	YES												1				

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-FIELDDUP2

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-7F

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*		нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution:	1.00													-
Antimony	5		ug/L	U	YES	! ! !														
Barium	15.2		ug/L	В	YES	J								J						12
Cadmium	4		ug/L	U	YES	 ! !														
Calcium	8120		ug/L		YES	 ! !														
Chromium	3.3		ug/L	В	YES	J								J						12
Cobalt	50		ug/L	U	YES	   										 				
Copper	12.3		ug/L	В	YES	J								J		 				12
Iron	100		ug/L	U	YES	   										 				
Lead	3		ug/L	U	YES	   										 				
Magnesium	2060		ug/L	В	YES	J								J		 				12
Manganese	11.3		ug/L	В	YES	J								J		 				12
Nickel	40		ug/L	U	YES	! ! !	ĺ		İ	ĺ		Ì	ĺ	ĺ	İ	Ì	İ	ĺ	İ	
Potassium	804		ug/L	В	YES	J	ĺ		İ	ĺ		Ì	ĺ	J	İ	Ì	İ	ĺ	İ	12
Selenium	5		ug/L	U	YES	 ! !										 				
Silver	10		ug/L	U	YES	 ! !										 				
Sodium	4430		ug/L	В	YES	J								J		 				12
Vanadium	50		ug/L	U	YES	     								 		 				
Zinc	12.3		ug/L	В	YES	J								J						12
Analysis Method : 6020					Dil	ution:	2.00									 				
Beryllium	2		ug/L	U	YES	! !														
Thallium	1		ug/L	U	YES	   								 		 				
Analysis Method : 7470A					Dil	ution:	1.00									 				
Mercury	0.2		ug/L	U	YES	1							1				I	1		

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RE

Sample Matrix : AQ

Lab Sample ID: N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	1	ug/L	U	YES	!				1											
Antimony	5	 	ug/L	U	YES	1 1 1													1		

Project Number and Name: EN

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res		l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B	Nesuit	LIIOI	Units	wual		ution:			INID	LUJ	IVIO	Dup	Juil	Limit	פועטטו	w.c	Tune	10	10.4	007	Codes
Arsenic	5	! !	ug/L	U	YES	ution.	1.00	1	1	I	1	<u> </u>	1	<u> </u>	1	1	1	1	1	1	
Barium	14.9	: ! !	ug/L	В	YES	J	l I	 	 	l I	 	 	 	   J	1	 			 		12
Cadmium	14.5 A	; ; 	ug/L	U	YES		!	<u> </u> 	<u> </u> 	<u>!</u> !	 	 	 	 	. <u>!</u>	   	- <u> </u>	   	<u> </u> 	- <u> </u>	
Calcium	6710	¦ 	ug/L		YES	: [	1	 	<u> </u> 	<u> </u> 	 	 	 	 	<u> </u> 	 	_ <u> </u> 	 	 	. <u> </u> 	 
Chromium	10	¦ 	ug/L	U	YES	: [	1	 	<u> </u> 	<u> </u> 	 	 	 	 	<u> </u> 	 	_ <u> </u> 	 	 	. <u> </u> 	 
Cobalt	50	! ! !		U	YES	! 	1	 	<u> </u> 	<u> </u> 	   	 	 	 	.	   	_ <u> </u> 	 	<u> </u> 	<u>.  </u>	· I
<del></del>		 	ug/L		<u>'</u>	! 	 	 		 	 	   	 	 	 	   	 		 	 	· I
Copper	75.9	 	ug/L		YES				 	<u> </u>	 	 		 	<u> </u>	 		 	 	. <del> </del>	
Iron	185	! ! T	ug/L		YES	1 1 7				<u> </u>						 	<u> </u>			.	I
Lead	3.8	i 	ug/L		YES	ļ 		<u> </u> 		<u> </u>		 			<u> </u>		 		<u> </u>	 	l
Magnesium	1730	; ; ;	ug/L	В	YES	J	ļ	ļ 		<u> </u>		 		J	<u> </u>				ļ		12
Manganese	15	! ! !	ug/L	U	YES	! ! !									ļ						I
Nickel	40		ug/L	U	YES	! ! !				ļ					ļ						l
Potassium	5000	1 1 1 7	ug/L	U	YES	! ! !	<u> </u>	<u> </u>	<u> </u>	<u> </u>					<u> </u>				<u> </u>		<u> </u>
Selenium	5	i ! !	ug/L	U	YES	i ! !		<u> </u>		<u> </u>					<u> </u>				<u> </u>		
Silver	10	i ! !	ug/L	U	YES	i L		<u> </u>		<u> </u>					<u> </u>		_		<u> </u>	.]	<u> </u>
Sodium	9010	 	ug/L		YES	: !															
Vanadium	50	! ! !	ug/L	U	YES	i !															
Zinc	56.2	i i i	ug/L		YES	i !															
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2	1 1 1 1	ug/L	U	YES	: :				I					1						
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A					Dil	ution:	1.00		·		:										
Mercury	0.2	 	ug/L	U	YES	<u> </u>				I					1						
Analysis Method : 8081A					Dil	ution:	1.00			•											
4,4'-DDD	0.022	1	ug/L	U	YES	1				İ					1					1	
4,4'-DDE	0.022	<u> </u> 	ug/L	U	YES	 !		<u> </u>	· <u>·</u>	<u>-</u>	: 	<u> </u>		: 	i	<u>:</u>	- <del>-</del>	<u></u>	<u>-</u>	- <del>:</del>	
4,4'-DDT	0.022	! !	ug/L	U	YES	 		<u> </u>	<u> </u>		! 	<u> </u>		: 	i	<u>:</u>	- <u>-</u>	<u></u>	 	- <del>:</del>	
Aldrin	0.022	<u> </u> 	ug/L	U	YES		<u></u>	: 	<u>'</u> 	<u>'</u> 	' 	` 	<u></u>	' 	. <u>.</u>	' 	 	' 	<u>'</u>	- <u>-</u>	
alpha-BHC	0.022	! 	ug/L	U	YES		1	! 	: <u>'-</u>   	<u>'</u>	! 	<u> </u>	L 	! 	. <u>.</u>	<u> </u>	- <u>-</u>	' 	<u>-</u>	- <u>-</u>	 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Former

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Tem	р НТ	МВ	LCS	MS	Lab Dup	Surr		Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A					Dil	ution: 1.00					-									
alpha-Chlordane	0.088	 	ug/L		YES											1				·
beta-BHC	0.022	1 ! !	ug/L	U	YES			1												1
delta-BHC	0.022		ug/L	U	YES	[														 
Dieldrin	0.022		ug/L	U	YES	[														 
Endosulfan I	0.022	T	ug/L	U	YES															 
Endosulfan II	0.022	;	ug/L	U	YES															 
Endosulfan sulfate	0.022	;	ug/L	U	YES															 
Endrin	0.022	;	ug/L	U	YES															 
Endrin aldehyde	0.022	;	ug/L	U	YES															 
Endrin ketone	0.056		ug/L	U	YES	[														 
gamma-BHC	0.022	;	ug/L	U	YES	[														 
gamma-Chlordane	0.13	1 ! !	ug/L		YES			1												1
Heptachlor	0.022	1 ! !	ug/L	U	YES			1												1
Heptachlor epoxide	0.49		ug/L		YES	[														 
Methoxychlor	0.056		ug/L	U	YES	[														 
Toxaphene	0.28		ug/L	U	YES	[														 
Analysis Method : 8082					Dil	ution: 1.00														
Aroclor 1016	0.56	! !	ug/L	U	YES			1								1				 
Aroclor 1221	0.56		ug/L	U	YES															 
Aroclor 1232	0.56		ug/L	U	YES															 
Aroclor 1242	0.56		ug/L	U	YES															 
Aroclor 1248	0.56		ug/L	U	YES															 
Aroclor 1254	0.56	1	ug/L	U	YES			1												1
Aroclor 1260	0.56	1	ug/L	U	YES			1												1
Aroclor 1262	0.56	T	ug/L	U	YES									 						 
Aroclor 1268	0.56	T	ug/L	U	YES									 						 
Analysis Method : 8151A					Dil	ution: 1.00														
2,4,5-T	0.21	! ! !	ug/L	U	YES															 
2,4,5-TP (Silvex)	0.16	; ;	ug/L	U	YES															 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual		Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00														
2,4-D	0.53		ug/L	U	YES															
Pentachlorophenol	0.16		ug/L	U	YES				1										1 1	1
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															I
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES	[														 
1,1,2-Trichloroethane	1		ug/L	U	YES	[														 I
1,1-Dichloroethane	1		ug/L	U	YES	[														 I
1,1-Dichloroethene	1		ug/L	U	YES	[														 I
1,2,3-Trichlorobenzene	5		ug/L	U	YES	[														 I
1,2,4-Trichlorobenzene	5		ug/L	U	YES	[														 
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES	[														 
1,2-Dibromoethane	2		ug/L	U	YES														1	1
1,2-Dichlorobenzene	1		ug/L	U	YES														1	1
1,2-Dichloroethane	1		ug/L	U	YES	[														 
1,2-Dichloropropane	1		ug/L	U	YES	[														 
1,3-Dichlorobenzene	1		ug/L	U	YES	[														 
1,4-Dichlorobenzene	1		ug/L	U	YES	[														 
2-Butanone	10		ug/L	U	YES	[														 
2-Hexanone	5		ug/L	U	YES	[														 
4-METHYL-2-PENTANONE	5		ug/L	U	YES	[														 
Acetone	10		ug/L	U	YES	[														 
Benzene	1		ug/L	U	YES	[														 
Bromochloromethane	5		ug/L	U	YES				1										1 1	1
Bromodichloromethane	1		ug/L	U	YES														1	1
Bromoform	4		ug/L	U	YES	[														 
Bromomethane	2		ug/L	U	YES	[								Ī						 
Carbon disulfide	2		ug/L	U	YES	[								Ī						 
Carbon tetrachloride	1		ug/L	U	YES	[														 
Chlorobenzene	1		ug/L	U	YES									  i						 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-15

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* 1	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1.0	00														
Chloroethane	1		ug/L	U	YES																
Chloroform	1		ug/L	U	YES	[ ]															,
Chloromethane	1	,	ug/L	U	YES																
cis-1,2-Dichloroethene	1	,	ug/L	U	YES																
cis-1,3-Dichloropropene	1		ug/L	U	YES	[															
Cyclohexane	5		ug/L	U	YES	[															
Dibromochloromethane	1		ug/L	U	YES	[															
Dichlorodifluoromethane	5		ug/L	U	YES	[															
Ethylbenzene	1		ug/L	U	YES	[															
Freon 113	5		ug/L	U	YES	[															
Isopropylbenzene	2		ug/L	U	YES	[															
M,P-XYLENE	1		ug/L	U	YES	[ ]															•
Methyl Acetate	5		ug/L	U	YES	[ ]															•
Methyl tert-butyl ether	1	,	ug/L	U	YES																
Methylcyclohexane	5	,	ug/L	U	YES																
Methylene chloride	2	,	ug/L	U	YES																
o-Xylene	1		ug/L	U	YES	[															
Styrene	5		ug/L	U	YES	[															
Tetrachloroethene	1		ug/L	U	YES	[															
Toluene	1		ug/L	U	YES	[															
Total Xylenes	1		ug/L	U	YES	[															
trans-1,2-Dichloroethene	1		ug/L	U	YES																
trans-1,3-Dichloropropene	1		ug/L	U	YES																
Trichloroethene	1		ug/L	U	YES																
Trichlorofluoromethane	5	,	ug/L	U	YES	[															
Vinyl chloride	1	,	ug/L	U	YES	[															
Analysis Method : 8270C					Dil	ution: 1.0	00														
1,2,4,5-Tetrachlorobenzene	5.4		ug/L	U	YES	Ī	Ī					1 -			1 -						
1,4-Dioxane	2.2		ug/L	U	YES						<u> </u>										

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Fo

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

**Lab Sample ID:** N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	U Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C			·			ution: 1.00					•								
2,3,4,6-Tetrachlorophenol	5.4		ug/L	U	YES	1 1 1 1													
2,4,5-Trichlorophenol	5.4		ug/L	U	YES														
2,4,6-Trichlorophenol	5.4		ug/L	U	YES	[									 				
2,4-Dichlorophenol	5.4		ug/L	U	YES														
2,4-Dimethylphenol	5.4		ug/L	U	YES														
2,4-Dinitrophenol	22		ug/L	U	YES	[													
2,4-Dinitrotoluene	2.2		ug/L	U	YES	[													
2,6-Dinitrotoluene	2.2		ug/L	U	YES	[													
2-Chloronaphthalene	5.4		ug/L	U	YES	[													
2-Chlorophenol	5.4		ug/L	U	YES	[													
2-Methyl-4,6-dinitrophenol	22		ug/L	U	YES														
2-Methylnaphthalene	2.2		ug/L	U	YES						1 1								
2-Methylphenol	5.4		ug/L	U	YES														
2-Nitroaniline	5.4		ug/L	U	YES										 				
2-Nitrophenol	5.4		ug/L	U	YES										 				
3&4-Methylphenol	5.4		ug/L	U	YES										 				
3,3'-Dichlorobenzidine	5.4		ug/L	U	YES					 					 				
3-Nitroaniline	5.4		ug/L	U	YES	[									 				
4-Bromophenyl phenyl ether	2.2		ug/L	U	YES					 					 				
4-Chloro-3-methylphenol	5.4		ug/L	U	YES					 					 				
4-Chloroaniline	5.4		ug/L	U	YES										 				
4-Chlorophenyl phenyl ether	2.2		ug/L	U	YES														
4-Nitroaniline	5.4		ug/L	U	YES						1 1								
4-Nitrophenol	22		ug/L	U	YES														
Acenaphthene	2.2		ug/L	U	YES									Ī	 				
Acenaphthylene	2.2		ug/L	U	YES														
Acetophenone	5.4		ug/L	U	YES									Ī	 				
Anthracene	2.2		ug/L	U	YES	[									 				
Atrazine	5.4		ug/L	U	YES	[									 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix: AQ

Lab Sample ID: N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	L Result	Incertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.00													
Benzaldehyde	5.4		ug/L	U	YES														
Benzo(a)anthracene	2.2		ug/L	U	YES														
Benzo(a)pyrene	2.2		ug/L	U	YES										 				
Benzo(b)fluoranthene	2.2		ug/L	U	YES														
Benzo(g,h,i)perylene	2.2		ug/L	U	YES														
Benzo(k)fluoranthene	2.2		ug/L	U	YES														
BIPHENYL	2.2		ug/L	U	YES														
bis(2-Chloroethoxy)methane	2.2		ug/L	U	YES														
Bis(2-chloroethyl) ether	2.2		ug/L	U	YES														
Bis(2-chloroisopropyl) ether	2.2		ug/L	U	YES														
Bis(2-ethylhexyl) phthalate	2.2		ug/L	U	YES														
Butylbenzyl phthalate	2.2		ug/L	U	YES														
Caprolactam	2.2		ug/L	U	YES														
Carbazole	2.2		ug/L	U	YES														
Chrysene	2.2		ug/L	U	YES														
Dibenz(a,h)anthracene	2.2		ug/L	U	YES														
Dibenzofuran	5.4		ug/L	U	YES										 				
Diethyl phthalate	2.2		ug/L	U	YES														
Dimethyl phthalate	2.2		ug/L	U	YES														
Di-n-butyl phthalate	2.2		ug/L	U	YES														
Di-n-octyl phthalate	2.2		ug/L	U	YES														
Fluoranthene	2.2		ug/L	U	YES														
Fluorene	2.2		ug/L	U	YES														
Hexachlorobenzene	2.2		ug/L	U	YES														
Hexachlorobutadiene	2.2		ug/L	U	YES														
Hexachlorocyclopentadiene	22		ug/L	U	YES														
Hexachloroethane	5.4		ug/L	U	YES														
Indeno(1,2,3-cd)pyrene	2.2		ug/L	U	YES														
Isophorone	2.2		ug/L	U	YES					 					 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: F

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-15

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	.00														
Naphthalene	2.2	1	ug/L	U	YES	1 1 1				Ī											
Nitrobenzene	2.2	1	ug/L	U	YES	1 1 1 1				I											
N-Nitroso-di-n-propylamine	2.2	- <del> </del>	ug/L	U	YES																
N-Nitrosodiphenylamine	5.4	- <del> </del>	ug/L	U	YES																
Phenanthrene	2.2	- <del> </del>	ug/L	U	YES																
Phenol	5.4		ug/L	U	YES	F															
Pyrene	2.2		ug/L	U	YES	F															
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.01	1	mg/l	U	YES	1 1				Ī											

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-FIELDDUP3

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

**Lab Sample ID:** N74914-15F

Reviewed	l By <i>l</i>	/ Date	:
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#### Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	1.00					<u> </u>									
Aluminum	200		ug/L	U	YES	1 									1						
Antimony	5		ug/L	U	YES		İ		İ			İ	İ	İ	Ì		İ	İ	Ì	i i	Ï
Arsenic	5		ug/L	U	YES		i			:								Ī	<u></u>	i	
Barium	14.7		ug/L	В	YES	J				:				J						i	12
Cadmium	4		ug/L	U	YES	F				:										i	
Calcium	6770		ug/L		YES	     				:										i	
Chromium	10		ug/L	U	YES	     															
Cobalt	50		ug/L	U	YES	     															
Copper	63.5		ug/L		YES	     															
Iron	100		ug/L	U	YES	     															
Lead	3.4		ug/L		YES	     															
Magnesium	1760		ug/L	В	YES	J	ĺ		Ì			Ì	İ	J	İ		ĺ	Ì	ĺ	İ	12
Manganese	15		ug/L	U	YES	1 									1			1			
Nickel	40		ug/L	U	YES	 ! !															
Potassium	5000		ug/L	U	YES	 ! !															
Selenium	5		ug/L	U	YES	 ! !															
Silver	10		ug/L	U	YES	 ! !															
Sodium	8910		ug/L		YES	 ! !															
Vanadium	50		ug/L	U	YES	 ! !															
Zinc	79.5		ug/L		YES	   															
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2		ug/L	U	YES	1 1 1			1						[						
Thallium	1		ug/L	U	YES	1 1 1 1															
Analysis Method: 7470A			·		Dil	ution: 1	1.00														·
Mercury	0.2		ug/L	U	YES	 															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE

Sample Matrix: AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	lution: 1	1.00														
Aluminum	200	i i	ug/L	U	YES	!				1											
Arsenic	5		ug/L	U	YES	1 1 1													1		

Project Number and Name:

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	1.00														
Antimony	5	1	ug/L	U	YES	 															· . I
Barium	24.1	1	ug/L	В	YES	J								J							12
Cadmium	4	- T	ug/L	U	YES	,															, 
Calcium	36700	- T	ug/L		YES	,															, 
Chromium	10	 	ug/L	U	YES																 
Cobalt	50	 	ug/L	U	YES	;															 
Copper	6.7	 	ug/L	В	YES	J								J							12
Iron	1280	 	ug/L	; ; ;	YES	;															 
Lead	3.4		ug/L	,	YES	U			U												6
Magnesium	7000		ug/L	,	YES																, 
Manganese	540		ug/L	,	YES																, 
Nickel	40	1	ug/L	U	YES	1 															1
Potassium	2770	1	ug/L	В	YES	J								J							12
Selenium	5	- <del> </del>	ug/L	U	YES	 ! !															 
Silver	10	- <del> </del>	ug/L	U	YES	 ! !															 
Sodium	11000	- <del> </del>	ug/L		YES	 ! !															 
Vanadium	50		ug/L	U	YES																<u>.</u> I
Zinc	28.4		ug/L	 ! !	YES																<u>.</u> I
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2	1	ug/L	U	YES	! !															I
Thallium	0.84		ug/L	В	YES	UJ			U					J							12,6
Analysis Method : 7470A					Dil	ution: 1	1.00														
Mercury	0.2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L	U	YES	1 1 1															· . I
Analysis Method: 8081A					Dil	ution: 1	1.00														
4,4'-DDD	0.02	1	ug/L	U	YES	 															·
4,4'-DDE	0.02	·	ug/L	U	YES	F ! !															; 
4,4'-DDT	0.02	·	ug/L	U	YES	F ! !															; 
Aldrin	0.02	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	   															 
alpha-BHC	0.02	 	ug/L	U	YES	     		<u> </u>													; !
						*		*			,,,,										

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

Report Date: 9/29/2004 08:46

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**ADR 6.1** 

\* Overall result qualifier reflects summation of qualifiers added during automated data review and any qualifiers added manually for categories not assessed by automated data revie

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8081A						ution:															
alpha-Chlordane	0.02	1	ug/L	U	YES	 															
beta-BHC	0.02	1	ug/L	U	YES	1 1 1			ĺ	ĺ			ĺ				Ì		İ		į į
delta-BHC	0.02	· T · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	r ! !					:										
Dieldrin	0.02	· T · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	r ! !					:										
Endosulfan I	0.02		ug/L	U	YES	 															
Endosulfan II	0.02	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;					:										
Endosulfan sulfate	0.02		ug/L	U	YES																
Endrin	0.02	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;															
Endrin aldehyde	0.02	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;															
Endrin ketone	0.051	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;															
gamma-BHC	0.02	· 7 · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	;															
gamma-Chlordane	0.02	1	ug/L	U	YES	1 1 1			ĺ	ĺ			ĺ				Ì		İ		į į
Heptachlor	0.02	1	ug/L	U	YES	1 1 1			ĺ	ĺ			ĺ				Ì		İ		į į
Heptachlor epoxide	0.02	·	ug/L	U	YES	 															
Methoxychlor	0.051	·	ug/L	U	YES	 															
Toxaphene	0.26	·	ug/L	U	YES	 															
Analysis Method: 8082					Dil	ution: '	1.00														
Aroclor 1016	0.51	1 1	ug/L	U	YES	: : :															
Aroclor 1221	0.51	 	ug/L	U	YES	; !															
Aroclor 1232	0.51	 	ug/L	U	YES	; !															
Aroclor 1242	0.51	·	ug/L	U	YES	; ; ;															
Aroclor 1248	0.51	 	ug/L	U	YES	 															
Aroclor 1254	0.51	1 1 1	ug/L	U	YES	1 1 1															
Aroclor 1260	0.51	1	ug/L	U	YES																
Aroclor 1262	0.51	·	ug/L	U	YES	r															 
Aroclor 1268	0.51	·	ug/L	U	YES	F ! !															 
Analysis Method : 8151A					Dil	ution: 1	1.00														
2,4,5-T	0.24		ug/L	U	YES																
2,4,5-TP (Silvex)	0.18	· · · · · · · · · · · · · · · · · · ·	ug/L	U	YES	 ! !															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Forn

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	U Result	ncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8151A					Dil	ution: 1.00					<u> </u>									
2,4-D	0.6		ug/L	U	YES															
Pentachlorophenol	0.18		ug/L	U	YES									1						
Analysis Method : 8260B					Dil	ution: 1.00														
1,1,1-Trichloroethane	1		ug/L	U	YES															,
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES															
1,1,2-Trichloroethane	1		ug/L	U	YES															
1,1-Dichloroethane	1		ug/L	U	YES															
1,1-Dichloroethene	1		ug/L	U	YES															
1,2,3-Trichlorobenzene	5		ug/L	U	YES															
1,2,4-Trichlorobenzene	5		ug/L	U	YES															
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES															
1,2-Dibromoethane	2		ug/L	U	YES									1						
1,2-Dichlorobenzene	1		ug/L	U	YES									1						
1,2-Dichloroethane	1		ug/L	U	YES					 										
1,2-Dichloropropane	1		ug/L	U	YES					 										
1,3-Dichlorobenzene	1		ug/L	U	YES					 										
1,4-Dichlorobenzene	1		ug/L	U	YES															
2-Butanone	10		ug/L	U	YES					 										
2-Hexanone	5		ug/L	U	YES															
4-METHYL-2-PENTANONE	5		ug/L	U	YES															
Acetone	10		ug/L	U	YES															
Benzene	1		ug/L	U	YES															
Bromochloromethane	5		ug/L	U	YES									1						
Bromodichloromethane	1		ug/L	U	YES															
Bromoform	4		ug/L	U	YES															
Bromomethane	2		ug/L	U	YES															
Carbon disulfide	2		ug/L	U	YES															
Carbon tetrachloride	1		ug/L	U	YES					 										
Chlorobenzene	1		ug/L	U	YES					 									 	

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-2

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Tem	р НТ	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1.00														
Chloroethane	1	1 	ug/L	U	YES															
Chloroform	1	! ! !	ug/L	U	YES				1					1						
Chloromethane	1	7	ug/L	U	YES	[														
cis-1,2-Dichloroethene	1	7	ug/L	U	YES	[														
cis-1,3-Dichloropropene	1	7	ug/L	U	YES	[														
Cyclohexane	5	,	ug/L	U	YES	[														
Dibromochloromethane	1	,	ug/L	U	YES	[														
Dichlorodifluoromethane	5	,	ug/L	U	YES	[														
Ethylbenzene	1		ug/L	U	YES	[														
Freon 113	5		ug/L	U	YES	[														
Isopropylbenzene	2	,	ug/L	U	YES	[														
M,P-XYLENE	1	 	ug/L	U	YES			1	1					1						
Methyl Acetate	5	 	ug/L	U	YES			1	1					1						
Methyl tert-butyl ether	1	7	ug/L	U	YES	[														
Methylcyclohexane	5	7	ug/L	U	YES	[														
Methylene chloride	2	7	ug/L	U	YES	[														
o-Xylene	1		ug/L	U	YES	[														
Styrene	5		ug/L	U	YES	[														
Tetrachloroethene	1		ug/L	U	YES	[														
Toluene	1	<del>,</del>	ug/L	U	YES	[														
Total Xylenes	1	<del>,</del>	ug/L	U	YES	[														
trans-1,2-Dichloroethene	1	T	ug/L	U	YES	[			]											
trans-1,3-Dichloropropene	1	1 1 1	ug/L	U	YES	1			1					1						
Trichloroethene	1		ug/L	U	YES			1	1					1						
Trichlorofluoromethane	5		ug/L	U	YES	[			]											
Vinyl chloride	1		ug/L	U	YES	[			]											
Analysis Method : 8270C					Dil	ution: 1.00														
1,2,4,5-Tetrachlorobenzene	5.1	1 1 1	ug/L	U	YES															
1,4-Dioxane	2		ug/L	U	YES															

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: Forme

FormerCampButner - Sep03

ADR 6.1

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

**Analysis Type: RES** 

Sample Matrix: AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date:

Analyte Name	Result	Jncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual* Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8270C			·			ution: 1.00					•									
2,3,4,6-Tetrachlorophenol	5.1		ug/L	U	YES															
2,4,5-Trichlorophenol	5.1		ug/L	U	YES									1						i
2,4,6-Trichlorophenol	5.1		ug/L	U	YES															
2,4-Dichlorophenol	5.1		ug/L	U	YES															
2,4-Dimethylphenol	5.1		ug/L	U	YES															
2,4-Dinitrophenol	20		ug/L	U	YES															
2,4-Dinitrotoluene	2		ug/L	U	YES															
2,6-Dinitrotoluene	2		ug/L	U	YES															
2-Chloronaphthalene	5.1		ug/L	U	YES															,
2-Chlorophenol	5.1		ug/L	U	YES															,
2-Methyl-4,6-dinitrophenol	20		ug/L	U	YES															
2-Methylnaphthalene	2		ug/L	U	YES									1						
2-Methylphenol	5.1		ug/L	U	YES									1						
2-Nitroaniline	5.1		ug/L	U	YES															
2-Nitrophenol	5.1		ug/L	U	YES															
3&4-Methylphenol	5.1		ug/L	U	YES															
3,3'-Dichlorobenzidine	5.1		ug/L	U	YES					 										
3-Nitroaniline	5.1		ug/L	U	YES					 										
4-Bromophenyl phenyl ether	2		ug/L	U	YES					 										
4-Chloro-3-methylphenol	5.1		ug/L	U	YES					 										
4-Chloroaniline	5.1		ug/L	U	YES															
4-Chlorophenyl phenyl ether	2		ug/L	U	YES															
4-Nitroaniline	5.1		ug/L	U	YES															,
4-Nitrophenol	20		ug/L	U	YES															,
Acenaphthene	2		ug/L	U	YES															
Acenaphthylene	2		ug/L	U	YES															
Acetophenone	5.1		ug/L	U	YES															
Anthracene	2		ug/L	U	YES															
Atrazine	5.1		ug/L	U	YES					 										

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID : ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV/	Reason Codes
Analysis Method : 8270C					Dil	ution: 1.0	00													
Benzaldehyde	5.1		ug/L	U	YES															
Benzo(a)anthracene	2		ug/L	U	YES															
Benzo(a)pyrene	2		ug/L	U	YES															
Benzo(b)fluoranthene	2		ug/L	U	YES															
Benzo(g,h,i)perylene	2		ug/L	U	YES											 				
Benzo(k)fluoranthene	2		ug/L	U	YES											 				
BIPHENYL	2		ug/L	U	YES											 				
bis(2-Chloroethoxy)methane	2		ug/L	U	YES											 				
Bis(2-chloroethyl) ether	2		ug/L	U	YES											 				
Bis(2-chloroisopropyl) ether	2		ug/L	U	YES											 				
Bis(2-ethylhexyl) phthalate	2		ug/L	U	YES											 				
Butylbenzyl phthalate	2		ug/L	U	YES															
Caprolactam	2		ug/L	U	YES															
Carbazole	2		ug/L	U	YES															
Chrysene	2		ug/L	U	YES															
Dibenz(a,h)anthracene	2		ug/L	U	YES															
Dibenzofuran	5.1		ug/L	U	YES															
Diethyl phthalate	2		ug/L	U	YES															
Dimethyl phthalate	2		ug/L	U	YES															
Di-n-butyl phthalate	2		ug/L	U	YES															
Di-n-octyl phthalate	2		ug/L	U	YES															
Fluoranthene	2		ug/L	U	YES															
Fluorene	2		ug/L	U	YES															
Hexachlorobenzene	2		ug/L	U	YES															
Hexachlorobutadiene	2		ug/L	U	YES															
Hexachlorocyclopentadiene	20		ug/L	U	YES															
Hexachloroethane	5.1		ug/L	U	YES															
Indeno(1,2,3-cd)pyrene	2		ug/L	U	YES	[														
Isophorone	2		ug/L	U	YES	[										 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used:

FormerCampButner - Sep03

**ADR 6.1** 

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES

Sample Matrix : AQ

Lab Sample ID: N74914-2

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 8270C					Dil	ution: 1	.00														
Naphthalene	2	2	ug/L	U	YES	1 1 1															
Nitrobenzene	2	!	ug/L	U	YES	1 1 1 1															
N-Nitroso-di-n-propylamine	2	?	ug/L	U	YES																
N-Nitrosodiphenylamine	5.1		ug/L	U	YES																
Phenanthrene	2	?	ug/L	U	YES																
Phenol	5.1		ug/L	U	YES	F															
Pyrene	2	!	ug/L	U	YES									 					 		
Analysis Method : 9012A					Dil	ution: 1	.00														
Cyanide	0.01		mg/l	U	YES																

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used:

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RE/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-2F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Field QC	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 6010B					Dil	ution: 1	.00														
Aluminum	200	)	ug/L	U	YES												1 1				
Arsenic	5	5	ug/L	U	YES												1				

Project Number and Name: ENSR

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: RW0804-HESTERFARM

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/11/2004

Analysis Type: RES/DIS

Sample Matrix : AQ

Lab Sample ID: N74914-2F

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overal Qual*	l Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis		Tune	IC	ICV	CCV	Reason Codes
Analysis Method : 6010B					Dil	ution:	1.00														
Antimony	5	1 1 1	ug/L	U	YES		ĺ														
Barium	22.9	1 1 1	ug/L	В	YES	J								J	1						12
Cadmium	4	T	ug/L	U	YES																
Calcium	37000	T	ug/L		YES																
Chromium	10	T	ug/L	U	YES																
Cobalt	50	T	ug/L	U	YES																
Copper	25	T	ug/L	U	YES																
Iron	266	T	ug/L		YES																
Lead	3	T	ug/L	U	YES																
Magnesium	7090	T	ug/L		YES																
Manganese	543	T	ug/L		YES																
Nickel	40	1 1 1	ug/L	U	YES										1						
Potassium	2890	1 1 1	ug/L	В	YES	J								J	1						12
Selenium	5	T	ug/L	U	YES																
Silver	10	T	ug/L	U	YES																
Sodium	11200	T	ug/L		YES																
Vanadium	50		ug/L	U	YES																
Zinc	34.1		ug/L		YES																
Analysis Method : 6020					Dil	ution: 2	2.00														
Beryllium	2	! !	ug/L	U	YES		1		]					]							
Thallium	1		ug/L	U	YES																
Analysis Method : 7470A					Dil	ution:	1.00														
Mercury	0.12	-	ug/L	В	YES	J	1							J							12

Project Number and Name: E

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** 

Client Sample ID: TB Lab Report Batch: N74914 Lab ID: ACTD

Sample Date: 08/11/2004 **Analysis Type: RES** Sample Matrix: AQ

Lab Sample ID: N74914-8

Reviewed By / Date : Approved By / Date:

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual		Overall Qual* T	Гетр	нт	МВ	LCS	MS	Lab Dup	Surr	Rep Limit	Moist Tot/Dis	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B					Dil	ution: 1.0	00													
1,1,1-Trichloroethane	1		ug/L	U	YES															
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES															
1,1,2-Trichloroethane	1		ug/L	U	YES											 				
1,1-Dichloroethane	1		ug/L	U	YES															
1,1-Dichloroethene	1		ug/L	U	YES											 				
1,2,3-Trichlorobenzene	5		ug/L	U	YES											 				
1,2,4-Trichlorobenzene	5		ug/L	U	YES											 				
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES											 				
1,2-Dibromoethane	2		ug/L	U	YES											 				
1,2-Dichlorobenzene	1		ug/L	U	YES											 				
1,2-Dichloroethane	1		ug/L	U	YES											 				
1,2-Dichloropropane	1		ug/L	U	YES															
1,3-Dichlorobenzene	1		ug/L	U	YES															
1,4-Dichlorobenzene	1		ug/L	U	YES															
2-Butanone	10		ug/L	U	YES															
2-Hexanone	5		ug/L	U	YES															
4-METHYL-2-PENTANONE	5		ug/L	U	YES															
Acetone	10		ug/L	U	YES															
Benzene	1		ug/L	U	YES															
Bromochloromethane	5		ug/L	U	YES															
Bromodichloromethane	1		ug/L	U	YES															
Bromoform	4		ug/L	U	YES															
Bromomethane	2		ug/L	U	YES															
Carbon disulfide	2		ug/L	U	YES															
Carbon tetrachloride	1		ug/L	U	YES															
Chlorobenzene	1		ug/L	U	YES															
Chloroethane	1		ug/L	U	YES											 				
Chloroform	1		ug/L	U	YES															
Chloromethane	1		ug/L	U	YES	[										 				

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:** FormerCampButner - Sep03

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**ADR 6.1** 

Client Sample ID : TB Lab Report Batch : N74914 Lab ID : ACTD

Sample Date: 08/11/2004 Analysis Type: RES Sample Matrix: AQ

Lab Sample ID: N74914-8

Reviewed By / Date : Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis	Field	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B	roour	201	0.1113	- uui		ution: 1	•				0	zup	Juli		100013		· unc		.51		
cis-1,2-Dichloroethene	1		ug/L	U	YES	1											1				 
cis-1,3-Dichloropropene	1		ug/L	U	YES		i i				İ	i i		i	i i		İ	i	İ	i i	1
Cyclohexane	5		ug/L	U	YES	 !	 		<u></u>	: 	<u>:</u> 			: 	ii		. <u>.</u>	: 	: 	. <u> </u>	 
Dibromochloromethane	1		ug/L	U	YES		 			:	 				i i					. <u> </u>	 
Dichlorodifluoromethane	5		ug/L	U	YES		 			:	 				i i					. <u> </u>	 
Ethylbenzene	1		ug/L	U	YES	; ; ; ;	 			:	 				i i					<u> </u>	 
Freon 113	5		ug/L	U	YES	; ; ; ;					i										 
Isopropylbenzene	2		ug/L	U	YES	 ! !															 
M,P-XYLENE	1		ug/L	U	YES	 ! !															 
Methyl Acetate	5		ug/L	U	YES	 ! !															 
Methyl tert-butyl ether	1		ug/L	U	YES	 ! !															 
Methylcyclohexane	5		ug/L	U	YES	 	ĺ					İ		İ			ĺ	İ	ĺ	j j	1
Methylene chloride	2		ug/L	U	YES	1 1 1 1															1
o-Xylene	1		ug/L	U	YES																 
Styrene	5		ug/L	U	YES																 
Tetrachloroethene	1		ug/L	U	YES	     															 
Toluene	1		ug/L	U	YES																 
Total Xylenes	1		ug/L	U	YES	     															 
trans-1,2-Dichloroethene	1		ug/L	U	YES	     															 
trans-1,3-Dichloropropene	1		ug/L	U	YES																 I
Trichloroethene	1		ug/L	U	YES																 I
Trichlorofluoromethane	5		ug/L	U	YES	 ! !	i i														 I
Vinyl chloride	1		ug/L	U	YES	1 1 1								1			1				İ

Project Number and Name: ENSRMAA25961 - Former Camp Butner, NC

Library Used: For

FormerCampButner - Sep03

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Client Sample ID : TRIP BLANK Lab Report Batch : N74914 Lab ID : ACTD

Sample Date: 08/12/2004 Analysis Type: RES Sample Matrix: AQ

**Lab Sample ID:** N74914-16

Reviewed By / Date : Approved By / Date :

Analyte Name	l Result	Jncertainty / Error	Result Units	Lab Qual	Rep Res	Overall	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis		Tune	IC	ICV	CV / CCV	Reason Codes
Analysis Method : 8260B	Nesuit	LIIOI	Ullits	Quai		ution: 1	<u> </u>		INID	LUJ	IVIO	Бир	Juii	Lillin	100/015	QC	Turie	ic	icv	CCV	Codes
1,1,1-Trichloroethane	1		ug/L	U	YES	ution.		1	1			1	1	1	1 1		1 1			1	
1,1,2,2-Tetrachloroethane	1		ug/L	U	YES	1 i 1	i I	! 	! 	 		! 	 	! 	, , 				l I	1	
1,1,2-Trichloroethane	1		ug/L	U	YES	; ; ;	! 	!	<u> </u>	<u>-</u>   		<u> </u>	: <u>-</u>	! 	! <u>-</u> 		. <u>'</u> .		! 	! 	
1,1-Dichloroethane	1		ug/L	U	YES	; ; ;	! 	!	<u> </u>	<u>-</u>   		<u> </u>	: <u>-</u>	! 	! <u>-</u> 		. <u>'</u> .		! 	! 	
1,1-Dichloroethene	1		ug/L	U	YES	1 	<u>!</u>	! 	<u> </u>	<u>-</u>		<u> </u>	. <u>.</u>	! 	<u> </u>		. <u>'</u>		! 	! 	
1,2,3-Trichlorobenzene	5		ug/L	U	YES	1  1	<u>:</u>	! 	' 	! <u>!</u>		<u>'</u> 	. <u>.</u>	! 	<u>-</u>		. <u>'</u> '.		: 	! 	
1,2,4-Trichlorobenzene	5		ug/L	U	YES	1  1	<u>:</u> 	! 	' 	<u> </u> 		<u>'</u> 	. <u>.</u> 	' 	<u>-</u>		. <u>.</u>		: 	<u> </u>	
1,2-Dibromo-3-chloropropane	10		ug/L	U	YES	<u>.</u>	<u>:</u>	: 	<u> </u>	: <u>:</u>		<u> </u>		' 	<u>:</u>		· <u>·</u>		: 	<u> </u>	<u>'</u> 
1,2-Dibromoethane	2		ug/L	U	YES	¦ !	<u>.</u> 	: 	<u>-</u>	<del> </del>		<u> </u>	: 	! 	<u>.</u>		: <u>'</u>		: 	¦	
1,2-Dichlorobenzene	1		ug/L	U	YES	¦ !	<u>.</u> 	: 	<u>-</u>	<del> </del>		<u> </u>	: 	! 	<u>.</u>		: <u>'</u>		: 	¦	
1,2-Dichloroethane	1		ug/L	U	YES	: !	<u>.</u>	: 		 		: 	: · · · · · · · · · · · · ·	: 	i i		i i		: 	i	<u>-</u> 
1,2-Dichloropropane	1		ug/L	U	YES		İ			i			İ		i i		i i			İ	; !
1,3-Dichlorobenzene	1		ug/L	U	YES		İ			i			İ		i i		i i			İ	; !
1,4-Dichlorobenzene	1		ug/L	U	YES	; !	i	: 	: 	 		<u>.</u> 	<u> </u>	: 	i		.: <u>-</u>		: 	i	<u>-</u> 
2-Butanone	10		ug/L	U	YES	; !	i	: 	: 	 		<u>.</u> 	<u> </u>	: 	i		.: <u>-</u>		: 	i	<u>-</u> 
2-Hexanone	5		ug/L	U	YES		<u>-</u>	: 	: 	<u> </u>		<u>.</u>	<u> </u>	: 	i				: 	i	
4-METHYL-2-PENTANONE	5		ug/L	U	YES	:   		: 		 		: 			i						
Acetone	10		ug/L	U	YES	:   		: 		 		: 			i						
Benzene	1		ug/L	U	YES	 ! !	<u> </u>	:							<u> </u>						 
Bromochloromethane	5		ug/L	U	YES	 ! !	<u> </u>	:							<u> </u>						 
Bromodichloromethane	1		ug/L	U	YES		 														<sub> </sub> 
Bromoform	4		ug/L	U	YES	r									<u> </u>						 
Bromomethane	2		ug/L	U	YES	1 1 1 1	1														 
Carbon disulfide	2		ug/L	U	YES	1 1 1 1	1														 
Carbon tetrachloride	1		ug/L	U	YES	F ! !															    
Chlorobenzene	1		ug/L	U	YES	     															    
Chloroethane	1		ug/L	U	YES	     															    
Chloroform	1		ug/L	U	YES																    
Chloromethane	1		ug/L	U	YES	 ! !															 

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

Library Used: FormerCampButner - Sep03

Report Date: 9/29/2004 08:46

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ADR 6.1

Client Sample ID : TRIP BLANK

Lab Report Batch: N74914

Lab ID: ACTD

Sample Date: 08/12/2004

Analysis Type: RES

Sample Matrix: AQ

Lab Sample ID: N74914-16

Reviewed By / Date :

Approved By / Date :

Analyte Name	Result	Uncertainty / Error	Result Units	Lab Qual	Rep Res	Overall Qual*	Temp	нт	МВ	LCS	MS	Lab Dup	Surr	Rep	Moist Tot/Dis	Field	Tune	IC	ICV	CV /	Reason Codes
Analysis Method : 8260B	roour	201	0.1113	- uui		ution: 1	•				0	zup	Juli		100013		· unc		.51		
cis-1,2-Dichloroethene	1		ug/L	U	YES	1											1				 
cis-1,3-Dichloropropene	1		ug/L	U	YES		i i				İ	i i		i	i i		İ	i	İ	i i	1
Cyclohexane	5		ug/L	U	YES	 !	 		<u></u>	: 	<u>:</u> 			: 	ii		. <u>.</u>	: 	: 	. <u> </u>	 
Dibromochloromethane	1		ug/L	U	YES		 			:	 				i i					. <u> </u>	 
Dichlorodifluoromethane	5		ug/L	U	YES		 			:	 				i i					. <u> </u>	 
Ethylbenzene	1		ug/L	U	YES	; ; ; ;	 			:	 				i i					<u> </u>	 
Freon 113	5		ug/L	U	YES	; ; ; ;					i										 
Isopropylbenzene	2		ug/L	U	YES	 ! !															 
M,P-XYLENE	1		ug/L	U	YES	 ! !															 
Methyl Acetate	5		ug/L	U	YES	 ! !															 
Methyl tert-butyl ether	1		ug/L	U	YES	 ! !															 
Methylcyclohexane	5		ug/L	U	YES	 	ĺ					İ		İ			ĺ	İ	ĺ	j j	1
Methylene chloride	2		ug/L	U	YES	1 1 1 1															1
o-Xylene	1		ug/L	U	YES																 
Styrene	5		ug/L	U	YES																 
Tetrachloroethene	1		ug/L	U	YES	     															 
Toluene	1		ug/L	U	YES																 
Total Xylenes	1		ug/L	U	YES	     															 
trans-1,2-Dichloroethene	1		ug/L	U	YES	     															 
trans-1,3-Dichloropropene	1		ug/L	U	YES																 I
Trichloroethene	1		ug/L	U	YES																 I
Trichlorofluoromethane	5		ug/L	U	YES	 ! !	i i														 I
Vinyl chloride	1		ug/L	U	YES	1 1 1								1			1				İ

**Project Number and Name:** 

ENSRMAA25961 - Former Camp Butner, NC

**Library Used:**